

taaaaagtgt	taaggctgta	agcattatca	tggaagtagt	aaaattacta	acgtgtgtta	60
gattcttgta	tattgaagat	gcattgctgta	atttaattgg	adtaatcctc	aaagtaataa	120
aacactaatt	gaaggaagaa	aaattaaaaa	tatctgaata	atcaaaaaga	aaaattaaac	180
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<211> 217

<212> DNA

<213> Homo sapiens

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 tatctcttta aattccagcc tcttttctaa gtggtggttt ttacatactg tctcttgga 180
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<211> 337

<212> DNA

<213> Homo sapiens

<400> 28820

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 agtamaagga acgttcactc acagggtagc ctcattggaga gavrgegcag agcaraccat 180
 gtcacgccat ccaatgacac cagctgggtc gtcaccacc ccctctggct aaaactvvag 240
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<211> 142

<212> DNA

<213> Homo sapiens

<400> 28821

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<210> 28822

<211> 108

<212> DNA

<213> Homo sapiens

<400> 28822

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<210> 28823

<211> 220

<212> DNA

<213> Homo sapiens

<400> 28823

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aaactcagct	gtgaaactgt	taacagatct	agtaatgaca	taggccccat	gtatggaaca	180
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tatttgtcta	cttaagaaaa	tcattttatat	ttctttgaaa	gcbcataccg	atacagtact	180
tgatagcgtt	aactttttta	aatattaata	gtttattagg	aatatcctga	aatgattgag	240
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 <212> DNA
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 <212> DNA
 <213> Homo sapiens

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 <212> DNA
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 atctttcatt gkttatcktt atctttcatt gttaatggga tgcatttagg ttaaattgact 180
 cagttagaaa ggtactatga gcagcgggtg 209

<210> 28830
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 <212> DNA
 <213> Homo sapiens

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 gttcctttttc agtattggat tggatttgag atttgattaa cctagtactc aggttcagat 180
 gctcgctctt ttgcaatttt aacactcatt cgacaataaa gtcagtataa aacacaaatt 240
 tggttatgtc actctctttt tacttttagt tctctccact gcactcagaa taaagtacaa 300
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<210> 28831
 <211> 253
 <212> DNA
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 agcgagaaga ataaagggaa agggggggaa acaccaaatac tatgattgga cctgggcttc 180
 tttttcgcca atgcaaaaag gaatatgcag cacatttttg cttctttctg caccgggttc 240
 ctaggcgcgg agt 253

<210> 28832
 <211> 153
 <212> DNA
 <213> Homo sapiens

<400> 28832
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 gtaagacgcc aggaagaga acgtgggggt cat 153

<210> 28833
 <211> 227
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 ctttttggtt actccctttt agaaattgga agctatgaag ctatataccc tgtccatttg 180
 aaaatgcaca taagcaaaga actttacaaa taggttataa agagagc 227

<210> 28834
 <211> 121
 <212> DNA
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 c 121

<210> 28835
 <211> 132
 <212> DNA
 <213> Homo sapiens

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<210> 28836
 <211> 120
 <212> DNA
 <213> Homo sapiens

<400> 28836
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<210> 28837
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 <212> DNA
 <213> Homo sapiens

<400> 28837
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 tctatactaa aaatagaaaa attagccggg tgtggtggca cagcctgta atcccagcta 180
 ctgaggaggc 190

<210> 28838
 <211> 123
 <212> DNA
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<400> 28838
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<210> 28839

<211> 262

<212> DNA

<213> Homo sapiens

<400> 28839

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atataataar cagtaaactg tgaggttcat caataaaagc acagatacct gaatagagga	180
gtgacctgaa tagaattcgt tcagccgaac gaatgagaat ggatgatttt cactatcctg	240
tgactcaag gcccaaaaga ga	262

<210> 28840

<211> 98

<212> DNA

<213> Homo sapiens

<400> 28840

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<210> 28841

<211> 74

<212> DNA

<213> Homo sapiens

<400> 28841

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<210> 28842

<211> 158

<212> DNA

<213> Homo sapiens

<400> 28842

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gtgcctgcct cggcctccca aagggtggg attataggca tkragscvac attgcgcctg	120
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<210> 28843

<211> 311

<212> DNA

<213> Homo sapiens

<400> 28843

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tacttccatt ttctagatgg ctttaatttt gaaagtattt tagtctgtta tgtttgtttc	180
tatctgaaca gttatgtgcc tgtaaagtct cctctaatat ttaaaggatt atttttatgc	240
aaagtattct gtttcagcaa gtgcaaatat tattctaagt ttcagagctc tatatttaat	300
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<210> 28844

<211> 214
<212> DNA
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aatagtttaa gactaaggga aacagatgga gctgtttatt gagacaactg gtgaggaatt 180
atcatgtggt cattccccatt ttagagcgtg aaac 214

<210> 28845
<211> 176
<212> DNA
<213> Homo sapiens

<400> 28845
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atcgataaaa cccaaaactg gttccttgaa aaggctcagta aaattgataa acctctagct 120
agcttaagaa caaacagaag acaaattattg ctaataccaa aaatgaaaga ggccat 176

<210> 28846
<211> 219
<212> DNA
<213> Homo sapiens

<400> 28846
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ttctgccatt gccagtaaga gctgcctcag gccaggtcat aaaattgctt tttcttctgt 120
ggctatatgt taaaaacaag gcttttgagt atggttcctc tgtacatcct ccagcttgaa 180
aatgatccaa aaattaattg tatctcagaa aaaaaaaaa 219

<210> 28847
<211> 113
<212> DNA
<213> Homo sapiens

<400> 28847
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<210> 28848
<211> 181
<212> DNA
<213> Homo sapiens

<400> 28848
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t 181

<210> 28849
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<212> DNA

004220" 66667560

<213> Homo sapiens

<400> 28849

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<211> 184

<212> DNA

<213> Homo sapiens

<400> 28850

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tgacccagca atcccattac tgggtatata cccaamggmt tacaaatcat gctgctataa	120
agacacatgt acacgtatgt tcattgcagc actgttcaca atagcaaaga cttggaacca	180
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<211> 107

<212> DNA

<213> Homo sapiens

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<211> 160

<212> DNA

<213> Homo sapiens

<400> 28852

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attcacatcc tgaaactaag gaatacaggg ttgamaaaaa tattaatatg tttgtcagaa	120
ggaaaaataa tgcattttatc ttcccccccc accccccgcg	160

<210> 28853

<211> 144

<212> DNA

<213> Homo sapiens

<400> 28853

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tatacttcatt aatatggatg gttgacgctt cctgatgatt aaaatcaata tacacattcc	120
aggttggaac agaagaaatg caca	144

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<211> 203

<212> DNA

<213> Homo sapiens

<400> 28854

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 tcagtaaatac tgcctgtgaa gtatgatagt ctgcatttgt aatgagcatt caagtgattc 180
 tgatgcaggt gagctgaggg cac 203

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 ttttaagatgg agtccttgctc tgttgcccgg gctggagtag aatggcatga tctcagctca 180
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<210> 28856
 <211> 158
 <212> DNA
 <213> Homo sapiens

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 taaggaattg aaacctagca atcttattgg agagacaa 158

<210> 28857
 <211> 90
 <212> DNA
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 ctgaggcagg agaatggcgt gagccgggag 90

<210> 28858
 <211> 381
 <212> DNA
 <213> Homo sapiens

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<400> 28859

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<211> 424
<212> DNA
<213> Homo sapiens

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gaat 424

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<211> 144
<212> DNA
<213> Homo sapiens

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<211> 218
<212> DNA
<213> Homo sapiens

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accagttcag tccattgatt ttggtttcag tctacaaaat tgaatttttt tccttccaat 180
gaatttttca gttgttttta tataatatga acacaact 218

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<212> DNA
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tgactcaaga attttaaaaa attattctgg acatca 156

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<211> 131
<212> DNA
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 tgggtaggta t 131

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 <212> DNA
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 ttacaattca agatgaaatt tgggtggcga cacagccaaa ccatatcatt ctgaccctgg 180
 ccacttccaa atctcatggc ctcacatttc aaaacccatc atgccttccc accagtcccc 240
 caaagcctta actcatttca gcattaactc naaagtccac a 281

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 <212> DNA
 <213> Homo sapiens

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 agaaaaaaaa aaaaaaaaaa 140

<210> 28867
 <211> 127
 <212> DNA
 <213> Homo sapiens

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 gaacgcc 127

<210> 28868
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 <213> Homo sapiens

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 gagatcatgc tccggccagc aggaatctc catttttttc agcctcatal cttggaaagt 240
 acaaaggagt gagagctggg actaccagcc agagggttca tggaggtagt gggaggggaa 300
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 cctctabntg ttctcagtcc cattctcatc aatgacctcg tctcctgatt ttgtacaata 420
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<210> 28869
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<212> DNA

<213> Homo sapiens

<400> 28869

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<211> 171

<212> DNA

<213> Homo sapiens

<400> 28870

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<210> 28871

<211> 370

<212> DNA

<213> Homo sapiens

<400> 28871

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ggcatagaac taaggacact ccgtgagctg gcataaatac aggggagctt ttaagactga	180
aaaaagttca tgggtatgac acttaatatg actcaacatt actgcagaat tttaaagcaa	240
acatgaaagc ttgagaataa acactagtcc ctctacttca agaaaaagca gaacctgtac	300
tagaacatga agaacttaga gatcaaaaaga cagccagaac tatgatgaaa tattttgaaa	360
gcagtgggtc	370

<210> 28872

<211> 369

<212> DNA

<213> Homo sapiens

<400> 28872

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gggtaagccg actaabagcs craacgggga cccatgawaa gadaagaada aacaagatcc	120
gggaatagtt tgttactgtt atttacatcc agactctggt tttccggccc tttacagctg	180
ctggtgaaga gtattcaagc tttgaatact gctctgaact gaccttgagg cacattgaga	240
ggaaaaatca ctggagaaaa tcgcgggtttg tgtagtgtct tgagatcctc taacgcgaaa	300
caagagaatt gtgaagtgc cttgtttcat agatctctct acgtccacaa ttggratact	360
aagggaactt	369

<210> 28873

<211> 71

<212> DNA

<213> Homo sapiens

<400> 28873

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<210> 28874

<211> 141

<212> DNA

<213> Homo sapiens

<400> 28874

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gcgcgcgcac aaacacggtt c	141

<210> 28875

<211> 333

<212> DNA

<213> Homo sapiens

<400> 28875

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ttcacctatc ccagttttta aaaatcaaat gtacatatgg taaactttct ttcattggag	180
tcatgttacc attttctttg gattactgag cctgcagcta aaatcctgct ctaatccatt	240
aaccttttga gttgctgtgc ctttacgcaa caaaaattct actgatttct aaccacaaat	300
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<210> 28876

<211> 56

<212> DNA

<213> Homo sapiens

<400> 28876

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<210> 28877

<211> 95

<212> DNA

<213> Homo sapiens

<400> 28877

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<210> 28878

<211> 118

<212> DNA

<213> Homo sapiens

<400> 28878

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<210> 28879

<211> 67

<212> DNA

<213> Homo sapiens

<400> 28879
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<210> 28880
<211> 148
<212> DNA
<213> Homo sapiens

<400> 28880
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tctcgctttt cttttttcct ttttttggca attattttct tckgatttkt attttttcta 120
tttcgctgtg atttcgtcgc cggcgacc 148

<210> 28881
<211> 238
<212> DNA
<213> Homo sapiens

<400> 28881
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gactaaaatc ctatctgkct tcccattcat gagcsatgtg atagcaggcc agtgacttca 120
tcttctgagt tcattttctt acctgtgtaa caaggaacat gatgcctgcc ttacagagtc 180
atttggggat taaagcagtt aacattcaca acacatttgg tgcttactat gtccttat 238

<210> 28882
<211> 111
<212> DNA
<213> Homo sapiens

<400> 28882
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acacacacca csaacaacca ccactacacc acasatgckt ataacaggca c 111

<210> 28883
<211> 353
<212> DNA
<213> Homo sapiens

<400> 28883
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attgtgtact agattgaaca catggaatgc aatgcaatga gactttctgc actaaaactt 120
atcctcatat gtacaacaat gatgtgtgta ttatataaca gtgatgtgta catttctgac 180
accccatata taatatacac agtttgtata aatgcataca tttaaaaata tatatgtaca 240
atacagctaa cataaaactg tagtacgcct gaaggatatt actagtgcct aatattgagt 300
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<210> 28884
<211> 62
<212> DNA
<213> Homo sapiens

<400> 28884

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gt 62

<210> 28885
<211> 432
<212> DNA
<213> Homo sapiens

<400> 28885
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gcctcwmctt ccttgaaatt tctcagcggg agtctcctca ctgccactaa aaccaccca 180
gcccactaac tgaggagcta gtgttaatcc agagaacccc ccgcaatgtg cttccgagat 240
tcagactgct tcattgggaa gtatgatttg ttcttttctg gaattgggct ccgtggtggc 300
ggcggcactt caagcaaaga cagtttcttg caagctccag tagctccgct tgtctcattt 360
gccaggaaga tgggttccca cgtagcaaat cgtacattgt gccctgtagc tccttagcta 420
gttagctcac aa 432

<210> 28886
<211> 144
<212> DNA
<213> Homo sapiens

<400> 28886
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aacagagcca gggctcactc agagattacc acagagaggg caccaagcca ttcacgaggg 120
atctgccgcc atgatccagc acct 144

<210> 28887
<211> 403
<212> DNA
<213> Homo sapiens

<400> 28887
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ctgctgctga caagctctga tttgggtaag atgtggcag gtgccagcaa aggacaatag 180
gcttttaatt aaggctctgta gagccatagc tcaggaaaca cactcctga agagtttttt 240
tgtttttgtt tttttgtttt ttttansaaa aacacttgcy tttcttcttg ckaccctaca 300
aacagtaact gkgctgctcca tcgaggcaac tgtggtcgtt aatcttccgc agcacaggaa 360
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<210> 28888
<211> 101
<212> DNA
<213> Homo sapiens

<400> 28888
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aagagggctg ckcctttcaa caattggatg gagggcggcg t 101

<210> 28889
<211> 336
<212> DNA

<213> Homo sapiens

<400> 28889

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gagtggaat	aaattaaatc	atcagaaaga	tactcgtcag	gcaacttttc	ttttcagaag	180
aggcctgaag	gtgcaggccc	agttgaatac	agaacaactg	ctagacgatg	tagtagcaaa	240
gagaactcgt	caatggcgga	cttccaccac	aaatggaggg	atcttgactg	tatctattga	300
caatcctgga	gcagtgcaat	gcccagtaac	tcaggt			336

<210> 28890

<211> 264

<212> DNA

<213> Homo sapiens

<400> 28890

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agggaggaaa	gtgtgndatt	tagccccagt	catagagcca	cccaaatgg	gaaagcattg	120
aagaaaacaa	attgccataa	gagtcctctg	tccttgccct	ggatcatttc	atgctaattc	180
aaggcagttt	atgctaataa	atgttaaatt	tatcaggaat	tcgattaggt	tttaatttgt	240
ctattttact	acaaatgggc	cgat				264

<210> 28891

<211> 184

<212> DNA

<213> Homo sapiens

<400> 28891

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aggttcttat	ctacagaagc	catttctata	atgagaaggc	tgtaagaag	aaatcctgaa	180
cggc						184

<210> 28892

<211> 374

<212> DNA

<213> Homo sapiens

<400> 28892

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gcctggcccc	aaaataaaaa	tttatttatt	tttgtttttg	tttttcccaa	aataaaaatt	120
taaatacaaga	caaaaatgta	acgagtggcg	ttatttgtac	atctttgcag	atctctttaa	180
tgtttgtctt	aatagaagtc	agctagattc	tcatatatgc	ttctrtgttc	agtatgttgc	240
agtgttttct	angttgaagt	acccgaagaa	aatccaacct	cacacagaca	agtagttggg	300
aaagggatta	ttttaatcgc	ttttnmgctt	gaaagcttaa	atgttttctg	ttacaacaaa	360
tactgagttg	tttt					374

<210> 28893

<211> 92

<212> DNA

<213> Homo sapiens

<400> 28893

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004220" 06567560

ttactggcng tttatggaag gcctgtgtat at

92

<210> 28894

<211> 288

<212> DNA

<213> Homo sapiens

<400> 28894

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aaaagtcag	tagtantaga	gcatatgctt	ttttagaacc	aggttaaaag	ctgtttgtta	120
tctaatagag	tnaaagttac	tgagggtcaac	agatagacag	gtctggcata	atatatgccc	180
agtcataata	gtctaattat	attcttttga	caacagacag	cattcatcag	agcactaatt	240
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<210> 28895

<211> 218

<212> DNA

<213> Homo sapiens

<400> 28895

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aataagtagt	kttttagcsc	ctgccttcct	cccttcctcc	cccttccggt	agtccccagc	180
gtccattttt	gccatattta	catccatgag	taccagc			218

<210> 28896

<211> 204

<212> DNA

<213> Homo sapiens

<400> 28896

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tctctgagac	atgcctagga	atztatcaga	agaagaaaact	agaagaaaagt	gtgtgtgtgt	180
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<210> 28897

<211> 122

<212> DNA

<213> Homo sapiens

<400> 28897

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agaaagaaga	gaaaaaagaa	cccaagaaaag	agggttaagaa	agaaacaccg	ccaaaggaac	120
tc						122

<210> 28898

<211> 111

<212> DNA

<213> Homo sapiens

<400> 28898

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<210> 28899
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 <212> DNA
 <213> Homo sapiens

<400> 28899
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 atgctcgcac ctcccactgg acggcgacga aggcgggtggc cgtgcgagcg caggactggg 180
 cggcctgtgt ggggtg 196

<210> 28900
 <211> 163
 <212> DNA
 <213> Homo sapiens

<400> 28900
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 catcctgcct ggcactggct gatgggcacc tctgttggtt ccatcagcca gagctctgcc 120
 aaaggccccg cagtccctct cccaggagga ccctagaggc aat 163

<210> 28901
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 28901
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 tttccagttt tgttcatgga etc 143

<210> 28902
 <211> 119
 <212> DNA
 <213> Homo sapiens

<400> 28902
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<210> 28903
 <211> 226
 <212> DNA
 <213> Homo sapiens

<400> 28903
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 gtcggtcagc ggcttgattt acagcaggct tgcaagactg cattctttga acaataggct 180
 ctagatgtcc cagtagataa tctcagtgag cacagtgccca gggagc 226

<210> 28904
 <211> 161

<212> DNA
<213> Homo sapiens

<400> 28904
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gcaaaaggga aggtataacc tttagatagg actgggaagt gctgggtgaa tgtcttctac 120
ccttaacggt ggtagaaatt tgaactataa aataacaccg t 161

<210> 28905
<211> 276
<212> DNA
<213> Homo sapiens

<400> 28905
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ggagagaata tggaaacgta tgacaggatg tatataagca atacaaacat attgaatgaa 120
taaataaaga cataaatatg tgggagagtg gaccacgcaa ggacaaaaag aggagagaag 180
gcagcaagaa ttatgactaa ttcaaaaactg ggttcctgag atagttaa ataatcctgca 240
ccaaatcccc agggggagaa attaacaaac aaaagc 276

<210> 28906
<211> 223
<212> DNA
<213> Homo sapiens

<400> 28906
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ggcaggaaga tcacttaaaag ccaggagttt aaggctgtag tgcgttatga ttgagcctgt 120
gaacagccac cgtactccaa cctgggcaac atagcaagat ctacagtc caaaaaattaa 180
tttaatttat tttcaataag aggcctcctga agagacgtcc caa 223

<210> 28907
<211> 119
<212> DNA
<213> Homo sapiens

<400> 28907
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<210> 28908
<211> 287
<212> DNA
<213> Homo sapiens

<400> 28908
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agcaggcggg gggagagcag attccccct cccctctcc tctcccatcc ctctkcttc 180
ctcctccctt tgagttaaca aggccccgt cactatatct ctttatatta aatatatata 240
tatattagag aagagcgagg gagagggaga accacctcca ccnnca 287

<210> 28909
<211> 239

<212> DNA

<213> Homo sapiens

<400> 28909

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awmtatccac	tgatgtatct	atatcaatac	ctaaaattat	atataataat	tttacttcat	180
gcagatcttc	attgaaaaga	tagaatactg	tgtocttggc	ttaggtacta	tgggtgacg	239

<210> 28910

<211> 258

<212> DNA

<213> Homo sapiens

<400> 28910

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ttgcttttaa	gaagaaatat	tagttgaggt	ttccaacgtt	agacccccta	gagtttggcc	180
cacaaattgt	tttggtaggt	tataagatgg	gcctgctgcc	caatactctc	aatttcagct	240
gccaccaaag	aggaccta					258

<210> 28911

<211> 207

<212> DNA

<213> Homo sapiens

<400> 28911

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ttttttggag	acagagtctc	gttttgtggc	ccaggctgga	gtgcagttgt	gtcattgcgg	180
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<210> 28912

<211> 364

<212> DNA

<213> Homo sapiens

<400> 28912

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gcgagccctg	aatcctaaaa	gtttggctct	accaggccag	gtactctgat	ggtaggaaca	180
gtgtgccaaa	tgaggaggtc	ttgccaataa	tattckgata	atgtctacca	tttattgttc	240
ttatacacta	aaggacaact	taccaagag	gcacagttac	caacnnaaga	ggcatacttg	300
ccatatcccc	agtaagtggg	ggagttggga	ttaattagga	cccctatctg	tctggcaaca	360
catc						364

<210> 28913

<211> 61

<212> DNA

<213> Homo sapiens

<400> 28913

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a						61

<210> 28914
<211> 247
<212> DNA
<213> Homo sapiens

<400> 28914
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actactcctt cccaggtaaa ttccaattat atttgacatc cagctaagag ggcccatctc 120
ttctcacctc tttcctagtc agtatattca gcaaataattt attgagccct tactgtgggc 180
aaatcattgt actggataat tgagaaaaat agataattcc cttattcagt aaatgtctac 240
tgagcac 247

<210> 28915
<211> 431
<212> DNA
<213> Homo sapiens

<400> 28915
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aatcctgaaa cactgacact gtccttggac agcctctgtg gaagaaatgg aaaacggcac 180
ccaggaaacta agcaagctgg ggagtgccaa gagagccgc ctccaaaagg ctgggtccctt 240
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ttgtctagga tcctcaaaga cttcactttg ctvtaagghg gcccaggct ggtgtggtag 360
tgggtgtcat ctggcagaaa caaggaagtt acttgcattc tgttccacaa atagaggaat 420
tcctacaagt a 431

<210> 28916
<211> 82
<212> DNA
<213> Homo sapiens

<400> 28916
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tcggctcact gcaacctccg cc 82

<210> 28917
<211> 276
<212> DNA
<213> Homo sapiens

<400> 28917
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aaaaacttaa ggtaaaaacc cttttctcct ttaaaatata gattgattat atgtaaattg 120
gattttatgt actaatcagt caccaaata actagacaga gaatgaatgg agtcacttta 180
gcttttcaaa ggagttttta tagccagttg catgcgttgg agctgtcgct attgctctgt 240
gcctagatgg atactctgcc cagaactgcg aattgt 276

<210> 28918
<211> 190
<212> DNA
<213> Homo sapiens

<210> 28923
 <211> 240
 <212> DNA
 <213> Homo sapiens

<400> 28923
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 attccctagc tagggtcatt aatacattct tatgaattat taatcccata tggatagcta 180
 gtttccctag cacctttaaa aaatagttta ttattttcct cctgatgtat aaggccacca 240

<210> 28924
 <211> 124
 <212> DNA
 <213> Homo sapiens

<400> 28924
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 atgatttcat gtttttatga tttttatttg gaaccatcat cagttccttt tttttttttt 120
 ttaa 124

<210> 28925
 <211> 140
 <212> DNA
 <213> Homo sapiens

<400> 28925
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 actttttaat gattgccatt ctaattgggtg tgagatggta tctcattgtg gttttgattt 120
 gcatttatct gacgaccagt 140

<210> 28926
 <211> 71
 <212> DNA
 <213> Homo sapiens

<400> 28926
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 gtgcctgcct c 71

<210> 28927
 <211> 230
 <212> DNA
 <213> Homo sapiens

<400> 28927
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 ttctgcttaa gtccaggat tctgtgaccg cagaaatgac tggcatctcc atctgctcgt 180
 gcattctgtt gtttcttctt tcattgattc actcattccc cccgcctgc 230

<210> 28928
 <211> 205
 <212> DNA

<213> Homo sapiens

<400> 28928

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tgataat	tata	ggaagt	tttca	ccttgc	cttt	gtcca	agccc	caccta	tattaa	aaccct	tttac	120	
tcacagt	tttg	aaactg	aagc	agtaa	acttg	tttcc	agaca	tctttt	ttcag	attgtc	cttaa	180	
gccc	aaagt	gcctc	acttc	cacgt								205	

<210> 28929

<211> 218

<212> DNA

<213> Homo sapiens

<400> 28929

caaatta	aaga	ttatgc	ttat	tttgt	acaga	aaaca	aatgtt	t	aaacaca	aag	cagatc	tggt	60
gtatgta	aata	agtaac	acag	agtttt	taaaa	caaatta	aatt	atttag	cttt	attga	agttt	120	
gtttttt	tcc	ttccga	acct	ggagt	atcat	attata	aaaca	gcagtt	tcac	accaga	atag	180	
cagtgc	cctt	tctttt	tgta	catact	gatt	ggacct	ac					218	

<210> 28930

<211> 191

<212> DNA

<213> Homo sapiens

<400> 28930

tttgaat	ctt	tgtaaaa	aatt	gatatt	ctgt	ataac	agagt	gcctct	ctgt	tacttt	tggt	60
ctatgtt	ggt	agaaata	aaga	tgctat	cttg	catagt	taga	attaag	cggt	tgtcc	atctc	120
tagata	acat	tgaaa	agttt	gagtgt	taca	ggctct	aaag	tgcaat	ggag	aacaat	tgct	180
taggagg	gagc	c										191

<210> 28931

<211> 227

<212> DNA

<213> Homo sapiens

<400> 28931

tatggga	aag	atgggc	atct	ctattat	tata	ttcaa	agaca	tttgat	atgc	tatagg	aaaa	60
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gtgcagt	ggc	gatctc	agct	cactgc	aacc	tccatc	tcct	gagttc	aagc	gatttc	cctt	180
cctcagc	cctc	ccgagt	agct	gggatt	gcac	ccacc	accac	acctgga				227

<210> 28932

<211> 81

<212> DNA

<213> Homo sapiens

<400> 28932

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acagctt	ctg	caaac	agccc	t								81

<210> 28933

<211> 248

<212> DNA

<213> Homo sapiens

tttgtaat	tttttctt	tttgagacac	agtctcgctt	tgtcacccag	gctggagtgc	60
agtggcatga	tcttggctca	ctgcaacctc	tgcctcctgt	gttcaagcaa	ttctcctgcc	120
tcagcctccc	aagtagctgg	gattacagga	atacaccccc	acactcagct	aatttttgta	180
tttttggtag	agatgggggt	ttcgctatgt	tggctaggct	ggctctgaac	tcctgacttc	240
aagtgatccg	cccacttttg	cctcccaaag	tggtagggatt	acaggcataa	gccachgtgc	300
ccagcccata	gtatgattac	aaataatatg	taattacaaa	agcttatgaa	attattaaaa	360
attcttaa	ac	ttctagagtt	a			381

<210> 28939

<211> 121

<212> DNA

<213> Homo sapiens

<400> 28939

caaaatctcc	caaaaaatta	ggctctgtgta	gttttaagga	asaagttcta	gaatgacatt	60
ctactctatt	tctttatata	aaaawttgca	ctgggttcac	gtatacatgt	tctgtgaccc	120
c						121

<210> 28940

<211> 113

<212> DNA

<213> Homo sapiens

<400> 28940

ttcttttttg	ttcagaccga	tacccaagta	atgagattac	tggatcaa	at	ggtaatacta	60
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<210> 28941

<211> 316

<212> DNA

<213> Homo sapiens

<400> 28941

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gagggcatgg	ttgaaaaagt	aactattggg	tgctatgctc	actacctggg	cgacaggatc	120
gatcacatcc	caaccctcag	catcatgcaa	atactgaggt	aacaaahhtg	catacataac	180
ctttgaatct	acaataaata	ttaaaattat	ttttaaaaag	aaaagatgaa	ttaaaaagat	240
aataataaaa	attgctgaat	atttggaatt	gaathbvcca	cacctcaata	tttacaacat	300
ataaccaagt	gttaca					316

<210> 28942

<211> 236

<212> DNA

<213> Homo sapiens

<400> 28942

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tttctgttat	gtacatttta	tttagatttg	acaagctttg	ggtcagtaat	ttcgttacgg	120
gtaggcacta	atttttcaaa	gctttgggat	aagtaggggc	agcaagagaa	actagaagtt	180
gttttatggg	ccccttagat	ttcttcac	ctgattgtta	gttattaatg	gccaaa	236

<210> 28943

<211> 181

<212> DNA

<213> Homo sapiens

<400> 28943

caaattcccc ccaatctcac ttagctgtca ctacttttt ttcttccttc tctcatcttc	60
actccctctc cctgtgatat caatgcaggg gttaaaaaac ccggaaaact gtgagagcaa	120
caaggcacag ttatttctcc cagacaggcc ctgtgtcact ttcataaatc aaaccagac	180
c	181

<210> 28944

<211> 167

<212> DNA

<213> Homo sapiens

<400> 28944

aaaaaaggca aggggttgca tcctagtctg tgataaaaca gactttaaac caacaaagat	60
aaaaaaagac tcaagaaggc cattacataa tggtaaaggg atcaatgcaa caagaagagc	120
taactatctt aaatatatag gcaccaata caggagcacc cagcttt	167

<210> 28945

<211> 126

<212> DNA

<213> Homo sapiens

<400> 28945

ttcttagatt ccaaaagtat agtactaatt gtaaagcaaa agttgataaa attaagaact	60
tttattcatc aaagtatacc attaagaggg tgacaaggca agctgcctgt aaccaatagg	120
ggtcca	126

<210> 28946

<211> 154

<212> DNA

<213> Homo sapiens

<400> 28946

atctgtaaca aagctgcacc tcgtgggagg agttgtgctc tgtggctgcg aaagtccagc	60
ttcggcgact aggtgtgagt gagccagtat cccaggagga gcaagtggca cgtcttcgga	120
cctaggctgc ccctgccgct atgtcgcaag gggg	154

<210> 28947

<211> 141

<212> DNA

<213> Homo sapiens

<400> 28947

aataagtcct gaataaactg cttctagatg tattaaacac ccagcaacat ttggcctgtc	60
atttactgga attacaattg cttcacagtc tcgctttttt ctgtgctctc agaacaatgc	120
cttggtgtac ttccagccct c	141

<210> 28948

<211> 133

<212> DNA

<213> Homo sapiens

<400> 28948

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 aagccaatgg ccaaagctaa gaacttctgg atgtctcccc cgctagcaga ttgtactccc 120
 tgctttccca ctc 133

<210> 28949
 <211> 165
 <212> DNA
 <213> Homo sapiens

<400> 28949
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 caaagcaagt ctacaggcat aaaacaatgt tatgtctata tgtcatgtat atgcaggtat 120
 tgaatcagga ctaaaatata tctgatattc tatgacacca ccact 165

<210> 28950
 <211> 199
 <212> DNA
 <213> Homo sapiens

<400> 28950
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 cataactaag gccagagaa gTTTTTTTT aactcttctt ttacagaaaa gtttaagtga 120
 tattcacaaa ttccaatttg tgggagatcc agtaaaaatc catgcagtgt gactgaagag 180
 cttgaaaaag gaggagatt 199

<210> 28951
 <211> 471
 <212> DNA
 <213> Homo sapiens

<400> 28951
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 ttatgcattt aagtctctaa tgcattttaa atttacttca gtattttatg agaaaaatgct 120
 atgttttctc cagaatattt agcaaaaact caactatcta ctccacatat atcttgaaaa 180
 tctcagagac accccaaact cagatcttct tctcctttcc ttctttaaat atctgctagc 240
 tcatcaaag gcatcaccat cactcccagt cattctggcc agaaactggg taaccatttt 300
 gatcatctt gatatggcta agcttttgtt tcccacccaa atctcatctt gmattggaat 360
 ccccataatc cccacatgtc aaggagagag ccagggtggag gtaattggat cgtgggggca 420
 gtttccttca tgctgttctc atgatagtga gtgagtyctc atgagatctg a 471

<210> 28952
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 <212> DNA
 <213> Homo sapiens

<400> 28952
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 cagctgtccc agtgaagtca ctccagcga cccgacagct gactgttgct gcatgagtga 180
 cccagcaaa ataactgcc a 201

<210> 28953
 <211> 233
 <212> DNA

THE BIBLE

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tgaaattatt	ttcattaaac	ctcacataat	ttttgcaata	cagtattgaa	cttgcttata	180
ttaattagct	gattacaagt	ccatttctta	caaaatatat	taggccaaag	ccc	233

<213> Homo sapiens

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gagatattca	ctgaggggtcc	tacgtctctg	caatttggtg	atgaataaca	gaataatttc	180
cctcttttgt	ttcgcccttc	ctgttcctga	atctaaataa	agatggcttt	ttagtattaa	240
aagtggaaga	aaattacagg	taattatctt	tgacggtaaa	aacgctgtaa	tcagcggggcc	300
a						301

<213> Homo sapiens

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cattttataa aaatagt 77

<213> Homo sapiens

aaataaacctc	tattactatc	attttaatct	ttgaacagtg	acaaaatatc	ccacctgctt	60
tgtgactttt	ctgaaaagaa	tacatgggtca	caggggtattc	tctattggaa	taccatttcac	120
accttcaaac	ttatcaccat	ccagttaaat	ttgaggaatg	gtaattgatg	accttaagtg	180
agtcaagtc	caattacctg	aagaactaaa	aatgctactg	gaaggactag	actctaagtt	240
ggtacctaac	taattcttat	tgcttgaatg	tggttgtaga	gtagaccctt	catttaggaag	300
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<213> Homo sapiens

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agggttgac	acgatggaaa	tattttggtg	aaccattcgt	tcccttgggt	ttctttctca	180
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cattttattg	catggtaaaa	cacaatttat	ccactttctt	gtcaatgagt	atctagttag	300
attcctgttt	tttggcta	tcaaataaaa	ctatgaatgt	ttttgtaccg	gtcttttggg	360
gggcagttgc	tttcctttct	cttgggtaca	tacctaggaa	ggaggggaagt	tgctgggcca	420
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 <211> 118
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attttatggc	tacttggcat
cagttcatct	ggaagcgg
	60
	118

<210> 28959
 <211> 202
 <212> DNA
 <213> Homo sapiens

<400> 28959	
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tttacaatcc	caccaacagt
gtaaaagtgt	tcccttttct
ccacaacctc	accagmatct
gtttttatct	cttttttact
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	120
	180
	202

<210> 28960
 <211> 161
 <212> DNA
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gcctctccat	gggccccttc
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c	
	60
	120
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<210> 28961
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 <212> DNA
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tcaccaattt	cattgagtgg
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cactgtcatg	ctagaagcaa
anctccaggc	agattgtttt
ttaaagtttt	tcaagttaca
agatgataac	taattttaaga
aaggaattcg	agctgtacat
tgtcttagat	tcttagaaac
attaaaaaag	gctctttttt
ttattttctt	tctccccacc
acaaaaataa	acaccctgct
atacatttca	gatttcctat
taatggcatc	tctgcccttc
catttgttca	gtccaggtat
cctagattta	tccttgactc
ctcacttacc	tcacatttga
cagcaaaknc	tactaccttg
aaagtatgtc	tagaatctga
cctcttctcc	ttgcctcctc
cattgctca	
	60
	120
	180
	240
	300
	360
	420
	449

<210> 28962
 <211> 439
 <212> DNA
 <213> Homo sapiens

<400> 28962
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tcacacatcc tgtattatgg acacagtagc catgcttcac ggggaggtca gagctggcta 180
ccagcagtct tgccctttac tgagcttagt gtcacttttg gatgctgtca tatgctgctt 240
tgagtgaacc agagaaacag ccatttgcag catgagaaag ccccaaaagc tctgggattt 300
acctccactt tagtaatant gaatatTTTT tagcattaga atgtgttatg tcatttgaat 360
taattttgrc tangcttttg cttgggagag gaattatttt aaatagacat tdgtactttt 420
tgaacttgat agctaaaga 439

<210> 28963
<211> 111
<212> DNA
<213> Homo sapiens

<400> 28963
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tccggcctgg gcgacagagg gagactccat ctcaaaaaaa aaaaaggaaa a 111

<210> 28964
<211> 216
<212> DNA
<213> Homo sapiens

<400> 28964
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gaccatttgc tcttctcttt tggagtcata gctaagatgc aagagagaaa gatgcccttg 120
gctagtgttt tgggtgtaag gattgggttc tgctacctct agcttcttga ttacatgaca 180
gcaacacaag gagccacag ttccagaaga gccgga 216

<210> 28965
<211> 164
<212> DNA
<213> Homo sapiens

<400> 28965
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agaagataag ggcctcgctc tgttaccag gctggagtgc tgtggtgtgt ttgtgactca 120
ccgtagcctt gaactcctgg gctcaagcaa tcctccacc tact 164

<210> 28966
<211> 391
<212> DNA
<213> Homo sapiens

<400> 28966
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ttttcactcc ctaggggaac cccctcgga ggggaagggt tgggtgctga cgggcaggag 180
caciaagaag acacattcga tgtgttccga cagaggatga tgcaganvta cagacacaag 240
cgggccaaaca aatagttcca gggtcacccc cgagaggaca acaggcatct ggaagtgtc 300
tctcgccact ctgggtgctt tactvgsctc tggcttgttt ccatcactgg aaatcactta 360
gagaattgta gtgttttttg tccttgataa a 391

<210> 28967
 <211> 115
 <212> DNA
 <213> Homo sapiens

<400> 28967
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 ccatgttatt atatttaaag tgcatttctt gaagtcattg catagtaggg ccgta 115

<210> 28968
 <211> 188
 <212> DNA
 <213> Homo sapiens

<400> 28968
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 gtggaagtcc tatctagagc aatcagacaa tagaaataaa ggagatccaa attggaaagg 120
 aagaagtcaa attatccttg tttgcagatg atatcctata tttggaaaac cctaaagact 180
 ccatacac 188

<210> 28969
 <211> 159
 <212> DNA
 <213> Homo sapiens

<400> 28969
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 tgactagatg aagatctagg atgaaactcc gtttcacaaa tcatatacct aatctgttcc 120
 agcttacaca ggcactcctg gcctcactaa caagagcgc 159

<210> 28970
 <211> 421
 <212> DNA
 <213> Homo sapiens

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 caaaggttct ctaggggaga atttatttcc ttggatttct cagcttttag aggttgccca 180
 tgttccttga ctagtagatc wmtccctcca ctttctgttt gtagtcagtat ctctgtcacc 240
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 ggcaactgac cctccacact cggcctctcc agtggctggg actatgggav gttgccatca 360
 caccagcca attgtaaaat gtttatcctt ttgtagagac aagattgtat tgtgttgtcc 420
 a 421

<210> 28971
 <211> 111
 <212> DNA
 <213> Homo sapiens

<400> 28971
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 aataaaaggg agaatgctca aatgcttttt acctttattt tccccatca g 111

<210> 28972
 <211> 416
 <212> DNA
 <213> Homo sapiens

<400> 28972
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 atattgtctg tgctaaaatg gatttggttag attgcataac ttgagccatg aggcctgtcg 180
 ttctgcatac tgatggtttt ggtagggttt gagatgagta tatctgttag caatggaaaa 240
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 cccaggctgg agtaaagtgg tgcgatctcg gctcactgca agctccgwt cctgggatca 360
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<210> 28973
 <211> 333
 <212> DNA
 <213> Homo sapiens

<400> 28973
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 tctatacttt gtgttctggt ttagtacttt tgatagtagt tacatttccc cctcacttat 180
 tcccacagtt cagctgctat gcaaactgag aaggaccaa ggtattctta gataaaataa 240
 gtagtagtat ttacagcact tttgaatctg ggagaaagtg aagtacagac agatnggtaa 300
 acaaagaact gtgaatctta gatggcccca ccg 333

<210> 28974
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 28974
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 ttattcagtt tcttgataac caaactatat tagaatttaa ttaaaatata ttattgagaa 180
 gctaaagttt gaatatatct gtggcaatga ttttcatatg ttaatatattc ttagtctgtg 240
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 tgcattgatgg agttgcacat ggccta 326

<210> 28975
 <211> 403
 <212> DNA
 <213> Homo sapiens

<400> 28975
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 tccaagtttc ccaaattaaa tgtttctaatt attactatat atgcctaaaa aaagaaaaaa 180
 aaagggcttt taaaatcagg gcaagggaga agagataaaa agtcatcaaa ttagtcctct 240
 tagctccaaa tgawntgaaa ttaagaacaa nattgttgtt ttccaatagg agtttcgttc 300
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<210> 28976
 <211> 119
 <212> DNA
 <213> Homo sapiens

<400> 28976
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<210> 28977
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 <212> DNA
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<400> 28977
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<210> 28978
 <211> 124
 <212> DNA
 <213> Homo sapiens

<400> 28978
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 agatgcaagt tcacctggaa atactgggtca gcgggcagca cgtcaaggtc acttaagccc 120
 acga 124

<210> 28979
 <211> 228
 <212> DNA
 <213> Homo sapiens

<400> 28979
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 aagtgcactt ggtagagca tgaactggga atttcacatt ctctgatgtg ctttgcactc 120
 tgctcttgta gatttatttt gtttacagta gactgatgtc agtttttgta aatgtttttt 180
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<210> 28980
 <211> 245
 <212> DNA
 <213> Homo sapiens

<400> 28980
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 cctgggctgt caccctgagg ttggcagtg tgggccagga tacgtatgag aaacaaagcg 180
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 ggccc 245

<210> 28981
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SECRET

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tataggcaac	aatgacagta	ggattatcag	ctgaaaaaga	gagactattt	tgaaaaggaa	180
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<400> 28982

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catttgaaaa	tatagaaaac	caaatgacct	acaaaacctc	taccttccag	taccatcatt	180
ccgagctgat	tactgttaac	attttaatgg	tttttgtccg	ctaggtctcc	ttgatgagtt	240
tcacctgagg	aaaaggactc	cttcagggtg	gtgaacttga	gccaccagg	ccaaccccat	300
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<210> 28983
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<212> DNA
<213> Homo sapiens
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<400> 28983

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ggatccagag	tcataaagg	gttattggaa	ctatggttgt	aatgcagaa	ggtattccca	180
tccgaacaac	cttggaacaac	tcaacaactg	ttcaatatgc	aggcccaa		228

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<210> 28984
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<212> DNA
<213> Homo sapiens
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<400> 28984

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atgccactgt ttcc                                     134
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<212> DNA
<213> Homo sapiens
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<400> 28985

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tttccctttc	catactttat	tctctggaaa	tgagtcactg	agttcagccc	atatgggttt	180
tttctgaacc	ctcccccaact	qcccc				206

<210> 28986
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 <212> DNA
 <213> Homo sapiens

<400> 28986
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<210> 28987
 <211> 372
 <212> DNA
 <213> Homo sapiens

<400> 28987
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 aacagtatgt gtagcaggct tacaagaaat acttgaggcc gggcgcggtg gtcacgcct 180
 gtaatcccag cactttggga dgccgaggcg ggcggatcac smngtcagga gatcgagacc 240
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<210> 28988
 <211> 387
 <212> DNA
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<400> 28988
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 actaacttga aatgtgacta aataactgat ccaaactggg cattaagtgg caggattatg 180
 agaaaggata aaaaaagaga ttgagaaaa cacatttctt gaattttcag aaaaaaatct 240
 agactattgc tttgacactt agaaattctg aggttttcaa ttggaattga gcattctctgt 300
 atgtggggat gtgggscctt atcaagggat aaaaatccaa acactctaac atgcctcctt 360
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<210> 28989
 <211> 199
 <212> DNA
 <213> Homo sapiens

<400> 28989
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 agctagtgtg tggctgtggg tttttatctc acctccctg cctgacctg agcccttgtg 180
 gggagtatac tcacctacc 199

<210> 28990
 <211> 175
 <212> DNA
 <213> Homo sapiens

<400> 28990

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<210> 28991

<211> 133

<212> DNA

<213> Homo sapiens

<400> 28991

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<210> 28992

<211> 379

<212> DNA

<213> Homo sapiens

<400> 28992

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gttaccact	caaaatccct	agcacctgac	atgatgcca	acagaagcta	gatgttctgg	180
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acgcctgtaa	tctcagcact	ttggggaggcc	gaggcagggt	gatcacctga	ggtcaggagt	300
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<210> 28993

<211> 307

<212> DNA

<213> Homo sapiens

<400> 28993

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atcccagctg	accctgggtga	ctgcctggcc	ttgatgttgg	ctgcagcctt	ctgatagaac	240
cacatggatt	ccaccacag	ctggccaggc	ttgttacatg	ggtcagggaa	tacaavkggc	300
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<211> 198

<212> DNA

<213> Homo sapiens

<400> 28994

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tgggggccaa	ggcccagacc	tgaggcggga	ctccatgagg	cctctggggc	gcgagcggtt	180
tgactagggg	gggcctcc					198

<210> 28995

<211> 203
<212> DNA
<213> Homo sapiens

<400> 28995
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ctaatttctc ttactcacc taacacttta tattcatcat aagtgattag gaaacaacaa 180
ttccacttaa cagatgagga ccg 203

<210> 28996
<211> 122
<212> DNA
<213> Homo sapiens

<400> 28996
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tattgaatat ttcaaagca gcttacattt cttttttctt ttttctttdt tttttttttt 120
tt 122

<210> 28997
<211> 122
<212> DNA
<213> Homo sapiens

<400> 28997
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ac 122

<210> 28998
<211> 144
<212> DNA
<213> Homo sapiens

<400> 28998
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ttagatgaac tctttcaacc aatt 144

<210> 28999
<211> 124
<212> DNA
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<400> 28999
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accttcgcga caggattaag astwtctaga ttcccaaagg tccaggctga taggtsggag 120
gagc 124

<210> 29000
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<212> DNA
<213> Homo sapiens

<400> 29000
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caagtagtct ataccactat aggatgacta tagttaacaa tatatagttt caaatagcta 180
aaaagaaggt attgactgat cctaaccaca 210

<210> 29001
<211> 363
<212> DNA
<213> Homo sapiens

<400> 29001
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cagtgtgtgt ttccccctca tgggtctcat cattcagctc ccacttaaca agtgaaaaca 240
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gta 363

<210> 29002
<211> 241
<212> DNA
<213> Homo sapiens

<400> 29002
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ttaatcatat tgatataatc agatactcct ttgtaaaaag gataaaacttt ctttaagctcc 240
a 241

<210> 29003
<211> 90
<212> DNA
<213> Homo sapiens

<400> 29003
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ccgcgcccc gccgcygtcg ctgcctcgg 90

<210> 29004
<211> 159
<212> DNA
<213> Homo sapiens

<400> 29004
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gcagaatatt tatacatgaa aaaataattt tgcaaattt ttctataatt gtattcattt 120
aaaaatghtg wtagcttggt ttagtttcag ggaggggatg 159

<210> 29005
<211> 115

<212> DNA

<213> Homo sapiens

<400> 29005

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<210> 29006

<211> 445

<212> DNA

<213> Homo sapiens

<400> 29006

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akaatatcma	tgaaatatgg	taagagcaag	gccaaaggaa	gggttttctt	actgggtggt	180
gatcacaacg	ataaagaatc	aggacaaaaa	gactgaagag	atgtggtgat	aatgggatat	240
gagctgagtt	ggaaaagaac	tagccccaag	atattagtca	gcactttgga	ggggtgatga	300
atttgccatg	gtttaaagta	cttctttgag	tttacagcac	ccgactctgt	gttctcagac	360
cttatgthgt	ttgagaattg	ggctgatggw	ragtgtcagg	agaatgatgt	cagtcattct	420
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<210> 29007

<211> 212

<212> DNA

<213> Homo sapiens

<400> 29007

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acrwgtgycv	atgctggtgc	gctgsaccca	ctamctcatc	rtctagcatt	aggtagttg	180
cccaatgcta	tccctcccc	ctacccccac	gc			212

<210> 29008

<211> 365

<212> DNA

<213> Homo sapiens

<400> 29008

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aawaggagat	actgcaataa	aatgattagg	ctgtaaaatt	tgtagacaca	atttttcatt	180
acaatgcaat	ttgcatgtgc	acatgtgcgc	acataacttt	atatgttagt	tcttttttcc	240
aaactcccaa	ctcttaaaag	tattgtagtc	tggttggtgc	tcaactgttg	gtaacttttt	300
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<210> 29009

<211> 241

<212> DNA

<213> Homo sapiens

<400> 29009

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ttgttgTTTT	ggggtggaga	gttctgtaga	tgtctgttag	gcctatttgg	tcaaagtta	120
aattcaggcc	ctaaatatat	ctgctagttt	cttgccctcaa	tgatttgtct	aatactgtca	180
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<210> 29010
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 <212> DNA
 <213> Homo sapiens

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 <212> DNA
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<400> 29012						
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 <212> DNA
 <213> Homo sapiens

<400> 29013						
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agcaagactg	tggtcactgm	aagctgggam	acaaacctac	tgagctctat	gghtgcccc	180
atttattatc	tggaggtagt	yytcaggctg	cagakyaggg	atssggaagt	caaacagagc	240
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<210> 29014

004220 " 666E.T.560

<211> 394
 <212> DNA
 <213> Homo sapiens

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 ttccagtctg ggaaacacag caagacccca cttccaaaaa aacaaagtta tatcaaagta 180
 cttaaaaagt actaataaca atgacccgct cactgacatg aaattgattt ttaaccctdc 240
 tcttgtcaca gattcatcta agaagagtat aggaaaaata gtcacactga aataggaatt 300
 gatttcttta attcaatcat agaagcattt gaaaataaaa tgtatccaga aaaacacatg 360
 gcatgatgaa tttagcataa atgctgaagt gcta 394

<210> 29015
 <211> 132
 <212> DNA
 <213> Homo sapiens

<400> 29015
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 ctctctgccc ac 132

<210> 29016
 <211> 95
 <212> DNA
 <213> Homo sapiens

<400> 29016
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 acacaggaag gggatcatca cacaccgggg gcytt 95

<210> 29017
 <211> 183
 <212> DNA
 <213> Homo sapiens

<400> 29017
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 taataaaaaa tgaaaccagg gtaacacaca cacaggcaca cgcgcgcgca cmcacacaca 180
 cag 183

<210> 29018
 <211> 86
 <212> DNA
 <213> Homo sapiens

<400> 29018
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 gcttaacctt gttttttttt tttttt 86

<210> 29019
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<212> DNA
<213> Homo sapiens

<400> 29019
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tagatgtttg acttgtcacc ttggttgttt gtgccttgct ctcttaccct gaactacctg 180
tatcacctca tctctcctac atcttagcca cactaaacct ctcaaaactc tttgtacctt 240
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<210> 29020
<211> 105
<212> DNA
<213> Homo sapiens

<400> 29020
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agggatattt agcatgagat gaggcactct cagacctgtg ggcac 105

<210> 29021
<211> 287
<212> DNA
<213> Homo sapiens

<400> 29021
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gtgatattgc aaaaacdntc tacattaacc actgcaaaaag agcgatgtaa atttggtca 180
ctctaggaga gcccatctch accaaatgtt gagatggaaa atggggaaac gacgtttag 240
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<210> 29022
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<212> DNA
<213> Homo sapiens

<400> 29022
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ggtatgaatt aaaaatatca gaagctgtag ttgtataaat cactttttaa actgcatttg 180
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<212> DNA
<213> Homo sapiens

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ttgcagaatt ttagattgtg ataaaggcca 150

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<210> 29025
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 caggctggtg agcaagctga ggagarmaag arrgatgggg aacggcaccs 170

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 <211> 124
 <212> DNA
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 agaw 124

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 <212> DNA
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 cccttctgmm ttccggctta aagctgtgga tgatccacgt ttttgttttt ttaatgttaa 180
 atgtgtaact cagtattact gaaaaggtac ccac 214

<210> 29032
 <211> 162
 <212> DNA
 <213> Homo sapiens

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 cattcatctc tctccatctt caatctattt caatgccccac ac 162

<210> 29033
 <211> 194
 <212> DNA
 <213> Homo sapiens

<400> 29033
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 aaatgctack gatctttata tgkdgattta tatcctgcaa ctttattaat tkcatgtatc 180
 accccaagaa gctg 194

<210> 29034
 <211> 274
 <212> DNA
 <213> Homo sapiens

<400> 29034
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ctaattgcgaa	gaagtatgga	catataaata	ttacaagaga	aattagttaa	tagtaaaggg	120
ttaaaaggta	agtaaaatgt	ccatgaaaat	aaaattttct	ttgaacagtt	taaaaatgga	180
atcacaaaaa	tctaactgca	cttgaaatga	aactggaaat	tttatactaa	ttaaatcctt	240
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<211> 202

<212> DNA

<213> Homo sapiens

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taaattacca	aaaaacaaga	aacaaaacat	aaaaacccca	aaactatcac	ttggaattag	180
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<210> 29036

<211> 144

<212> DNA

<213> Homo sapiens

<400> 29036

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<210> 29037

<211> 215

<212> DNA

<213> Homo sapiens

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ttgatggatc	acccccagga	ggggaaaatg	gtggcaatgc	cttttatata	ttatgttttt	180
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<211> 166

<212> DNA

<213> Homo sapiens

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<210> 29039

<211> 203

<212> DNA

<213> Homo sapiens

<400> 29039

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attaaatagc aagatttttag ccttaataat gtcattaatt tcaaaagagt agaaatctaa 120
ccagtcatat tttctaggca actaaaatga caatataaat taagagtaat attgtaatca 180
acaagtaaca tctagccaca aca 203

<210> 29040
<211> 294
<212> DNA
<213> Homo sapiens

<400> 29040
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ctgtccccgg tcgccccac gttgcaataa catcagcctg tcagggttgtt tgtaattcag 180
gtagcaaatt gatttttggg agcacctctg gtctgttctg taaagtaact ttatttttgr 240
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<210> 29041
<211> 137
<212> DNA
<213> Homo sapiens

<400> 29041
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tggacgagaa ccaccac 137

<210> 29042
<211> 106
<212> DNA
<213> Homo sapiens

<400> 29042
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ttttctcagg gcttaaggga gcaagtgttc agtatcacc ataaac 106

<210> 29043
<211> 147
<212> DNA
<213> Homo sapiens

<400> 29043
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acaacaccca acatgaatcc cgccatcaat tatcaaccgc agtcaagttc ttctgttcca 120
tgtcagcgta caacatcctc tgccatc 147

<210> 29044
<211> 155
<212> DNA
<213> Homo sapiens

<400> 29044
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ctttaactgt gctgctgatt tcagtttgc agtattctgt tgtggatttt tgcatgaatg 120
tttatactat tttcatttta agcctcagcc tcccc 155

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<210> 29046
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<212> DNA
<213> Homo sapiens
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<211> 271
<212> DNA
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<210> 29050

<211> 390
 <212> DNA
 <213> Homo sapiens

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 gccctcatga tccaatcacc tcccaccagg tccctccctg ggggttacia tttgagatga 240
 gatttgaggta gggacataga gccaaaccat atcatggcct cttacagraa acaattgcga 300
 acctctgtcc tagatccaca ttttcgtttt cactacatrc cagttcctag tatgataata 360
 aacataataa attgttaata aatattctca 390

<210> 29051
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 <212> DNA
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<400> 29051
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 <211> 114
 <212> DNA
 <213> Homo sapiens

<400> 29052
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<210> 29053
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 <212> DNA
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<400> 29053
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 cgacctcttg caatggccct tccgcctcca ccaggagact ctgcccgttg gtagtaaaag 120
 aaccaattag actgggaaaa aaagaagcaa cgccccaggt ttcaccccga ct 172

<210> 29054
 <211> 84
 <212> DNA
 <213> Homo sapiens

<400> 29054
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<210> 29055
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<213> Homo sapiens

<400> 29055

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attcctctta	ctggagacaa	ttaggcatta	agtatgtaaa	tattaaatta	cctttaaatt	180
taatttgtca	gtaacagaat	aaacgcagac	tcaatcttgg	ttggcttatt	ttctttcttt	240
aatcaaaaa	tgtttcctgt	atgttggahg	cacagataca	gawrgcaaag	aatttcagaa	300
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<210> 29056

<211> 425

<212> DNA

<213> Homo sapiens

<400> 29056

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gatcagtttt	gttctcaat	atcttttttt	gcaaatatct	accgaagttt	tttcaaattt	180
tatgtaaaat	gcaagtcatt	gtagagatgc	cagtctatgc	ctttatgctt	gccagttctca	240
attaagactt	gattgagctg	cagtacttta	aaaaggatta	gaagagctat	tgaatgactt	300
aattttattag	aagtttttaa	gtgacagcat	ttctaattat	tcaagtgc	ttatctttca	360
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<210> 29057

<211> 186

<212> DNA

<213> Homo sapiens

<400> 29057

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atgacaggcc	gggcatgggtg	gctcacacct	gtaatcccc	agcacttttg	gaggcggagg	180
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<211> 320

<212> DNA

<213> Homo sapiens

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accacgtcgg	gccacctaaa	acctgtattt	taaaacactc	ccccagtgg	gtcgcacaga	180
cagcacttaa	tctcccagc	aatgatgtat	ggcagtatgt	gccagttgtt	gccaaattata	240
gaagctcgct	gagccttgga	tgctgctaac	gtcgcagatg	gcacaggaca	actgccttgt	300
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<211> 314

<212> DNA

<213> Homo sapiens

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gacctttcta ttttctaaac agtgggttaca ttaatttgta cccagcatcc ttactgattt	180
attatttata acaagttttt cagttgaytc tcttaggctt tgcaggtata ctctcatatc	240
atttacaat aatggtaatt ttaccttctc ctttcagct tttaacctct tttcttcctt	300
ccctgtttta ttgc	314

<210> 29060

<211> 139

<212> DNA

<213> Homo sapiens

<400> 29060

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taaatttggg gagggggcc	139

<210> 29061

<211> 98

<212> DNA

<213> Homo sapiens

<400> 29061

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<210> 29062

<211> 233

<212> DNA

<213> Homo sapiens

<400> 29062

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gtatcgaaaag ttgtaaaagg agcctttag agatttctta tgaactatca gggaaaataa	120
ccccagtctc atagagagtg gcaaggcatc aactgtcaca actccaaaga tgccaaaagt	180
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<210> 29063

<211> 344

<212> DNA

<213> Homo sapiens

<400> 29063

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cctgaagagc aaggattcag atagacaggg attcatcaaa aaataaaaca acctattgac	120
tccagagttt aattaatgag agttaatagg caagattacc ttagttcttt tttttaatct	180
ttttaacaa aagcatggcc ttgctatcac agtttaaaac tgtacaattt aaaactttct	240
taacaaatct catcttagag ttcnttgaaa aggcagtcac atctgcattc tttctatgga	300
catgccgtat tttatttaac ttacattcat ttgatagaca ttta	344

<210> 29064

<211> 191

<212> DNA

<213> Homo sapiens

<400> 29064

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tgttggaaga gctcagaaaa accaagggga ccggtccaat taccaggata aatccctatc	120
aagaaacatc tctttgaaga aagcaaagaa gcctcccctg ccaccctccc ggacagactc	180
cctccgcagc t	191

<210> 29065

<211> 202

<212> DNA

<213> Homo sapiens

<400> 29065

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ctgcaccctc aacctcctgg gctcgggtga tcctcctgcc tcagcctcct gagtagctgg	120
aaccacmvn atgcgccacc atgccttgct agttttttaa atgtttgtag agaaaaagtc	180
taaccatgtt gcccaggcgc cc	202

<210> 29066

<211> 190

<212> DNA

<213> Homo sapiens

<400> 29066

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atgctgaaag tttgaggtgc ttgtatataa tcggataaac aaaactgac aacccaatgt	120
gattttanng ccccaaaga agcttctgtt ttgggtctga tcctcttgat ggagaaactg	180
cagcagcagt	190

<210> 29067

<211> 208

<212> DNA

<213> Homo sapiens

<400> 29067

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agaaacagac aaatagacca atggatcaga atagggaacc cagatacaga tacatgatta	180
atatggacag gttatttata acaaaggg	208

<210> 29068

<211> 223

<212> DNA

<213> Homo sapiens

<400> 29068

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cgacatgcta accggaatcc ctaggccgcc tgtctcctac ccatacttag aggccccgct	180
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<210> 29069

<211> 341

<212> DNA
<213> Homo sapiens

<400> 29069
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tbatctgcnn nbaagctgaa ckatggacaa aatccttgca aagaggtctg atgccaatgc 180
magtbacttr agagcagctc gagctggaca ccttgaaaag gcctcgacta cataaaaaat 240
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gaaggccatg tagrggwtgt ttctgagctg ctgcagagag a 341

<210> 29070
<211> 123
<212> DNA
<213> Homo sapiens

<400> 29070
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tcc 123

<210> 29071
<211> 123
<212> DNA
<213> Homo sapiens

<400> 29071
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cgc 123

<210> 29072
<211> 245
<212> DNA
<213> Homo sapiens

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tgacgaggag cttttcaaat gggatatgcct gagaagtaat tgaattaaaa gtcaagacgg 180
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gagga 245

<210> 29073
<211> 218
<212> DNA
<213> Homo sapiens

<400> 29073
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gagaaatgag ctttatttta agcttcagct aacatttaag agcttgccat gtgttaggga 180
ttgtgccaga cactcccatg catattgtct cagggcag 218

<210> 29074
<211> 73
<212> DNA
<213> Homo sapiens

<400> 29074
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acacaacata cga 73

<210> 29075
<211> 359
<212> DNA
<213> Homo sapiens

<400> 29075
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<211> 105
<212> DNA
<213> Homo sapiens

<400> 29076
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<210> 29077
<211> 395
<212> DNA
<213> Homo sapiens

<400> 29077
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tttttccta agtgatcaac atcaaatttt tagaattaaa atacatttaa ctcagggaat 180
ttgtactact tggaaacact taactgtaat gcaacatgcc ttgggaatgt tatagtgtga 240
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aatatagctc agaatgaagt ggtagttcct gtgattcata atacatatgt aggttttgca 360
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<210> 29078
<211> 385
<212> DNA
<213> Homo sapiens

<400> 29078
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ctaaagtgtg agattttcag tgtaggattc atgtttgttt atccaccttc ttgcttggtc 180

cttttgatct gtaacctaga ctgttcaa	atctcacctttg aatcaatcaa gtagattatg	240
gaaacacaaa aggaaaggag gagagagatt	ggaatgaaaa accaacaact gacgaatttg	300
gagaaatagt gcctagtggg aaggagaagg	tactagaaga ccatagggtg atgctttgga	360
aatagttaag tagggcctga gggga		385

<210> 29079
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<400> 29079		
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agttattcag aaagtattta ttgagctact	agtatgtgct tcactctttt tgaggcactg	120
tgaagactaa caaaataaat aagttccttg	tattcataga tttaattatc tcactatgac	180
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<210> 29080
 <211> 227
 <212> DNA
 <213> Homo sapiens

<400> 29080		
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acttttctgg agcataaatc ttttagaagg	atctcattca ctgattacca aagctatgct	120
atccatggct gcctggagaa taatccaacc	ttggaaagat cgattgcttt atttaatgga	180
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<210> 29081
 <211> 285
 <212> DNA
 <213> Homo sapiens

<400> 29081		
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atgtaaatag gttggatgga aaaagtgtaa	ggatgcaaaa agtgaagaa tgtcaatgga	120
tacactatgc taataccgat gaaaatagca	ttcaaggccg ggcgcggtgg ctcacgcctg	180
taatcccagc actttgggag gccgagacgg	gcggatcacg aggtcaggag atcgagacta	240
tcctgggtaa cacggtgaaa ccccatctct	attaaaaata caaaa	285

<210> 29082
 <211> 146
 <212> DNA
 <213> Homo sapiens

<400> 29082		
ttttcctttt gaaaaaattg agtaataaaa	tgtcctattc atcaaatatc aagaaatatt	60
cattattgat ttcaagatgt agtattaaag	gaaaccacag aatcaaaaata cccacttctg	120
atacagtagt gatttttttt tttttt		146

<210> 29083
 <211> 388
 <212> DNA
 <213> Homo sapiens

<400> 29083
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 tgttgctgta accagattaa tatctaccca tgtttccaac tgttttcttt ctgttcattg 120
 cattgggttat tgggttcttt tctccctctt tttctgcctt cgtcagtttt gagtacttta 180
 tataatctta tctcctctct caaaattttg attatactta ttttaaaaat ttttagtggt 240
 tgccctcagt tttacagtat acgtmntcaa ctaacctagg ttcttaagac aacactatac 300
 tgcttcattt gtactatagg tattttataa gagtattccc aattcttccc tcccatycct 360
 gtaatagtgc tgtcatttat ttcactta 388

<210> 29084
 <211> 60
 <212> DNA
 <213> Homo sapiens

<400> 29084
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<210> 29085
 <211> 101
 <212> DNA
 <213> Homo sapiens

<400> 29085
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 ggatttgacc aatccttacc cccactataa agagaacca t 101

<210> 29086
 <211> 195
 <212> DNA
 <213> Homo sapiens

<400> 29086
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 tcaacttccc tagagatcgt aattatgatt ttcgcaaggc aatttggtca gttctgttac 180
 tttatccaga ggaag 195

<210> 29087
 <211> 268
 <212> DNA
 <213> Homo sapiens

<400> 29087
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 aagacaccag caccagagca tacacagtca tggctgcagc catgtgcagt catggtggct 180
 tcttcagctt cagggtggga cattcaggga cattcaagca ctaagaacag gacacgatac 240
 aaagtctcca tgttggtgac agcaagag 268

<210> 29088
 <211> 230
 <212> DNA
 <213> Homo sapiens

<400> 29088
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 aatggacagg gaggcttttag ktataagcct ggacagtttag cctacttttag tttgagaatg 120
 caaattatatt gtggaaagaa gtcagtagga atattttgata aaaggaaaac aaaactgatt 180
 cttatttttaa ttatttttct ttgaattatt agaaaagatc actagctgaa 230

<210> 29089
 <211> 345
 <212> DNA
 <213> Homo sapiens

<400> 29089
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 aacaaacagt catggtctaa aamcccacat agcactttgc tcttagttac atgtaaaatt 120
 ttagattttct aaaacagggtg ggcaatcatt ttgaatactg ttctgtgacc ctgactgcta 180
 gttctgagga cactggtggc tgtgctatgt gtggccatcc tccatgtccc gtccctgtag 240
 ctgctctgtt tagacagcgg acagacgctc acgcccaggg gatgtcctca cgctgtcgcc 300
 gcgcggtttc ccttcgcaga tgtgtatact catgacaggg tcabc 345

<210> 29090
 <211> 126
 <212> DNA
 <213> Homo sapiens

<400> 29090
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 acctct 126

<210> 29091
 <211> 368
 <212> DNA
 <213> Homo sapiens

<400> 29091
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 aaagcaccac taggacactc ttattttcca ggawkatact gaaactgaaa cagttaaagt 180
 aaagggtttc atgtgataaa accagtagga aattggtcca ggattagaat cacaggggtc 240
 ttcattgtgta gctgtgttgt ggtcagtaaa agacgttgtt gctctgtttt tgggtggccc 300
 aagtctgtct cagggtgctga aacatgcagc atatgtcctt tctgcatgtg gccgtacagt 360
 caacncat 368

<210> 29092
 <211> 172
 <212> DNA
 <213> Homo sapiens

<400> 29092
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 actcaggact tggtttgctt tcttctaagt ggggtcaccc agaaaatgca gttaatgctg 120
 aagcttcatt aaggaggaat tctcccagtc cttggctaca tcagcccacc ga 172

<210> 29093

<211> 227
<212> DNA
<213> Homo sapiens

<400> 29093
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ttttggtagg ttaggttagca gaactgactg actcctacct ggtgggtggt tcttttggtt 180
gtttgtttgg ttggttggtt ttttcccaga tggctcagga ggaagg 227

<210> 29094
<211> 187
<212> DNA
<213> Homo sapiens

<400> 29094
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cagggggagg ggtaaccatg ggttaccaca gcctggtctt ctaagagact aagcaatctg 120
gttactaaac acatctaaaa agtttagaaa gtctgccaac tgtcaatcag caaataattg 180
atcagtg 81

<210> 29095
<211> 81
<212> DNA
<213> Homo sapiens

<400> 29095
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ctgggggaag ccaccccagc c 81

<210> 29096
<211> 67
<212> DNA
<213> Homo sapiens

<400> 29096
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actgaaa 67

<210> 29097
<211> 394
<212> DNA
<213> Homo sapiens

<400> 29097
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acatttttag gagaaagtaa gttgctttgc accgcctact taattctttt ccatatattg 180
tgatacaaac ttttgaatat ggaatcttac tatttgaata gaaatgtgta tgtataatat 240
acatacatat ataagcatat atgtgtgtgt gtgtgtgtat atatatatat atgcatgctg 300
tgaaacttga ctacacaaca taaatcactt tttaaattcc aggaacgggt agtctgacac 360
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<210> 29098

<213> Homo sapiens

<400> 29103

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tgcaagctcc	gtctcccagg	ttcatgccat	tctcctgcct	cagcctcccg	agtagctggg	120
actacaggcg	cccaccaccc	ccgc				144

<210> 29104

<211> 150

<212> DNA

<213> Homo sapiens

<400> 29104

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ctatagacta	acttaagaca	ggaaaaacat	acagaggaga	caagagctgg	tcttgctcat	120
taaaaggctc	aagactagag	gtggggccac				150

<210> 29105

<211> 123

<212> DNA

<213> Homo sapiens

<400> 29105

aggtgacatt	taaaagcaac	tggggaaaca	tgctgtgttc	acatctaacg	ggcagagaag	60
aatagttccc	cagtcataga	atgtaacttt	tttctttcaa	tcttttacgt	caattaagga	120
cca						123

<210> 29106

<211> 138

<212> DNA

<213> Homo sapiens

<400> 29106

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aaaccagggt	tagcgctgc	tcatataaag	ctctcctaac	tcgtcttccg	gtgggaattt	120
cttcacgtgg	gccggagc					138

<210> 29107

<211> 346

<212> DNA

<213> Homo sapiens

<400> 29107

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tgctatgcag	tagtgcttga	gaaagtgttt	tatgggctcc	ttgggccctt	ctgtgtacct	180
ttcttgga	gtgatggtat	tcattagcat	acaaaaaacc	accagaagtt	taaaatgctg	240
aaaaataagt	gaactaatct	gtttaactat	atttaattta	gcgtttctca	gatttttctg	300
gtcaaagtgt	ttcgttttaa	aataaacttt	tatttttagg	cagccc		346

<210> 29108

<211> 278

<212> DNA

<213> Homo sapiens

<400> 29108
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gaagcctcag cataactctag cacatgcacc aggaagtcag tcaacatacc tgggtgattag 120
gagtgttcta atgacctagg ccagtgaca gggttcctta aatttccttg aaccaatgtc 180
attctctgtc aaagtttgtc tgctaagaa cctcctactt acctgcactc cgtggtgcac 240
tttcttcatt tccccctcagc cttattcccc cgcacctt 278

<210> 29109
<211> 190
<212> DNA
<213> Homo sapiens

<400> 29109
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atgtacagta tcttatgtaa atttgaaaaa tggttgccat ggcgcatctt gtaaacattc 120
ccgtattctt ttccttaatg cttatttgca tgaaggtaac ttgggttttg cttgtttgta 180
ttggacaacc 190

<210> 29110
<211> 177
<212> DNA
<213> Homo sapiens

<400> 29110
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gtgagattag gtaaataatg tttttggagt gragagaagt atagagacag gcacgacaat 120
ttgcccttac gcattattgg tgagtgtggt tgcttgaact ggaatagtgg cagtggga 177

<210> 29111
<211> 141
<212> DNA
<213> Homo sapiens

<400> 29111
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gtaccaaatac tgacccccct catamcattc caaatcttta ttccatgaat attggagttt 120
ctcagtcctat tccccatgcc a 141

<210> 29112
<211> 404
<212> DNA
<213> Homo sapiens

<400> 29112
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ccagakgagg gtaktggcgg cggcgaactt tgcccgttag tttttactga ctggggtrct 180
ggcgcgcgcc tttttctcgg cnnnaatcca gtatttgga tagtcttgac ttctacctca 240
gcccaacttc tgtggtcgta atattagttt agcttgggtt tgccgtgaag taagaagact 300
gacttccgca aacgtactga acgactgggt gtaggtgcc a gggcatggac gtgaaagctg 360
gaaccgcgra atgagttagt tgtgggccgc tggcctcaag gagc 404

<210> 29113

<211> 299
<212> DNA
<213> Homo sapiens

<400> 29113
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gttctccatt ctgactcctt ttkgttctga tagcaagaac aatactttct gtgacaaaat 120
cagtacattg ttttcttttag caagatgcaa tatttgaaat gaggattgat ctagaggcca 180
aaacctttga cctctttttt ccataggtca taaacgtgac ctgcagcagg cataccaaga 240
cactgccctt gcccaggcac aacctccagt tatttggtcc aacaggtgaa tgccagaaa 299

<210> 29114
<211> 216
<212> DNA
<213> Homo sapiens

<400> 29114
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gaccatcatg gaacctgctc aatccattcg gctgaaaatt gtttgaaagt gtaacacttg 120
actactgtgg ctttggggtg tcctcattgt ttttcaaatt aataccttgt cattgtttca 180
gcagggtgta agaaatgtka ctagcatccc aggggc 216

<210> 29115
<211> 243
<212> DNA
<213> Homo sapiens

<400> 29115
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tattagacca tcaactataat artaraaggt gaacatatcc cttgttccaa gaaatttcct 120
tttgccccct ttgtaatccc tccctcacac ccctcaccat cccagtaac tgctgatctg 180
atttctgatt ttatacagta gtttccacta cttaatatatt ttatgaatag attcatgcaa 240
cat 243

<210> 29116
<211> 170
<212> DNA
<213> Homo sapiens

<400> 29116
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ctgggttaag ctaccaaaaa tgacaaccag ggattcaaaa aaaatttttg gtcattaaat 120
cgaatgtata ttattacttt ttaattttct aagtatttat cacaggacgt 170

<210> 29117
<211> 95
<212> DNA
<213> Homo sapiens

<400> 29117
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tttaaatgga cctctcccca ttcgaagcac acgga 95

<210> 29118

<211> 131
 <212> DNA
 <213> Homo sapiens

<400> 29118
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 ggcggtaact gtggctaggg aaacctggag cggtcagagc aggtgagtag ccagttggga 120
 aagggtcgct g 131

<210> 29119
 <211> 218
 <212> DNA
 <213> Homo sapiens

<400> 29119
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 aggttgctga tgacaattct tcagcctcca gaaagcttga agtaatgrwt tgactcctgc 120
 actttaaact tgaaagattc gtgtgaggat ccagcaatgt tttgtgaagc attgtaagaa 180
 ttggagagat agctgggctc acttcagaag accctcat 218

<210> 29120
 <211> 154
 <212> DNA
 <213> Homo sapiens

<400> 29120
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 aaattataga ttggattccg aagacgtgtc atcatctcaa cagttttttg ggaaacacac 120
 agttcttctg acgttaccat tgggtccccga ctgc 154

<210> 29121
 <211> 296
 <212> DNA
 <213> Homo sapiens

<400> 29121
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 ctctgttag taaattaaag catttataat atttcatmat tatcattcag tctgttgaaa 180
 cccattaaaa cattatatcc tacataatgc tcatttctct ggactatagt taacttattt 240
 tttcttttwwc ccccttttcc cttctgtcct gcctctcctg tcactctgcac cccccc 296

<210> 29122
 <211> 104
 <212> DNA
 <213> Homo sapiens

<400> 29122
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<210> 29123
 <211> 126
 <212> DNA

<213> Homo sapiens

<400> 29123

aaaaaatgaa gtgaagaagg aggagaatac ttggattggg ataaagtaga aagagtcact	60
ggattaaagt taactaaaaa actcataaac tttaggagtg gdtattgrga aattgdaggg	120
tggcct	126

<210> 29124

<211> 211

<212> DNA

<213> Homo sapiens

<400> 29124

aaaaaacttg cactggcttg tctcacttac gaaacatgtc ggagctgttt gcctgggtgg	60
ggctgggtac cgtacctgtc aatgcctgtg rttttcataa tttagcacgt vcataaagaa	120
gtacattctg ttcaggtgat aactgagcct caatcaagca gaaacttttt gcttgraatt	180
aaaaaaaaat ttctattagt gaaatttctt t	211

<210> 29125

<211> 123

<212> DNA

<213> Homo sapiens

<400> 29125

catttaatac aagaattttc catccacagc cctttagcct atctactgtg gtgttctaaa	60
aggaagaaag aggctagtaa atcctggata ctttgctcct acaccaatat tcccagctgt	120
acc	123

<210> 29126

<211> 191

<212> DNA

<213> Homo sapiens

<400> 29126

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gcctcagcag gatacatgtg caggacatga agatttgta cwtagggtgtc actgttttgc	120
ttggnccaat catgattggt gacttcagct attggctcgg agcactggct gtctgactcc	180
atctgcaggg c	191

<210> 29127

<211> 101

<212> DNA

<213> Homo sapiens

<400> 29127

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<210> 29128

<211> 386

<212> DNA

<213> Homo sapiens

<400> 29128

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agccagggga	ggtggggact	gaagcccatt	ctcccagcgc	aagccacttt	gagcaccact	180
gcgatatgaca	ctgtgatggc	agcctcatca	ttagtgttgt	tgggtgttgt	gctgttgact	240
gtctaagcag	ggctgccatc	caacttctcg	tttctccttt	ggggccccag	ggtgtgtgtg	300
caggtccagc	aaatccttts	ttacagtggg	gtggtgccac	gtggaaccga	ctgtgcagca	360
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<210> 29129

<211> 173

<212> DNA

<213> Homo sapiens

<400> 29129

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cggctccccct	tccacgcctt	tcccgcgcga	gatgagggga	arratgtctg	tgtcaagatt	120
caaggccaaa	ctgaagttgc	tggcgtctat	cttcacagag	aaccaggagg	cga	173

<210> 29130

<211> 253

<212> DNA

<213> Homo sapiens

<400> 29130

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gctgaggtgg	gcagatcacc	tgaggtcggg	agcttgagat	cagscctggc	caacatgggtg	120
aaaccttggt	tctactaaaa	atacaaaaat	tagccggtgt	ggtctcatgt	gcctgtaatc	180
ccagctactg	gggaggctga	agcacaagaa	tcatttgaac	ccgggatgtg	gaggttgtag	240
tsmgccgaga	gat					253

<210> 29131

<211> 237

<212> DNA

<213> Homo sapiens

<400> 29131

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gaaatgtgag	aatcattaat	gccaagttwa	aagagaggat	ggcaagaggg	ttattagcag	120
tttcatgatg	ttgagagttc	acaaactatg	ttcattgtat	ttaacaagaa	gaaattatct	180
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<210> 29132

<211> 326

<212> DNA

<213> Homo sapiens

<400> 29132

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atatcacccc	aaattgrctc	ttctctagra	actttccttc	cttgtcatga	gtcaagtgtc	120
catgttgga	ctctaggagt	agtccttgac	ccttcctgtc	tctaccacta	ctcatctaatt	180
caacactgct	gtgtcagggg	tcataagtg	ccacatttcc	tgaacaatag	ttttgtttca	240
ccaaggcagt	gcccgcagc	tttttgtatt	tattgctaac	ctccaaatgt	actgaatagt	300
tactgtatat	gatgtaattg	gagtca				326

<210> 29133
<211> 212
<212> DNA
<213> Homo sapiens

<400> 29133
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gaagcacaat cagttgacca aactaagagc agtgccctca ggaaagaata aaatgaatag 180
tttaatttat caacatcatt taccagga ac 212

<210> 29134
<211> 162
<212> DNA
<213> Homo sapiens

<400> 29134
tgaatgcttt cgtaaaggct tgaacactgt taaggagaaa gctgagtatc aacttgccctt 60
tctgatagaa atgtttcttg tgccagtttt attgttgaga tatactattt ttttcctttt 120
ttaattcagt tttttaaaaa aacaaatgta ttgtggcttc ct 162

<210> 29135
<211> 128
<212> DNA
<213> Homo sapiens

<400> 29135
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aagtctca 128

<210> 29136
<211> 311
<212> DNA
<213> Homo sapiens

<400> 29136
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agtgcagtgg tgcgatcaga gctcactgca gcctgatcag gctcaagcaa tcctctccct 180
gctcagcctc ctgagtagct ggaactatag gcttgactg ccatgccag cttttttcta 240
ttttttgtag agacagggtt ttgctgtgtt gccaggatg gtcttgaact cctggactca 300
agtgatcctc c 311

<210> 29137
<211> 311
<212> DNA
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<400> 29137
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tttgattgga cagacttttc ccagttagag ccctttaagg aagaaaacgg tgggagggcc 180
gggcgcggtg gctcgcgcct gtaatcccac cacttcggga ggccgaggcg gttggatcac 240

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aatacaaaaa t 311.

<210> 29138
<211> 71
<212> DNA
<213> Homo sapiens

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gggatgcatt c 71

<210> 29139
<211> 198
<212> DNA
<213> Homo sapiens

<400> 29139
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aaataacctt tggcttttga tcatttatag gctaagttac aagaactcat tataatatag 120
aacctacgct aaattcactt tcaacataag aatcagtatg aaccagtgat accctggtaa 180
atgtctaaca acaggctc 198

<210> 29140
<211> 134
<212> DNA
<213> Homo sapiens

<400> 29140
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atacccttgg cacc 134

<210> 29141
<211> 136
<212> DNA
<213> Homo sapiens

<400> 29141
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atggtgggtc cgtaagcgta taatggagct atccctatat aggtatacca tttttatctt 120
tttttttttt tttttt 136

<210> 29142
<211> 127
<212> DNA
<213> Homo sapiens

<400> 29142
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gccagtgcac aatatgatca gagttgtagt ttaagaaaat gactcttgca acaatgtaca 120
atttttt 127

<210> 29143

<211> 216
 <212> DNA
 <213> Homo sapiens

<400> 29143
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 cacagctgat gtatacacia acaaataatg ggtgcatgaa agaggggtcac cttatctctt 120
 ctgataaggt tatgaaggta tcccagaaga aaaacatctg agctgagtct taaaaatgca 180
 agagaatatt cccagatgaa gaaaggggag caggcc 216

<210> 29144
 <211> 233
 <212> DNA
 <213> Homo sapiens

<400> 29144
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 cagcctgtgt tcaatgaaca ttcggtaaag gaacacggaa tgtcaagcgc attagagaca 180
 accttgagac acatttctct tgcggaacat cagtcctgaa tcctcagacc gct 233

<210> 29145
 <211> 378
 <212> DNA
 <213> Homo sapiens

<400> 29145
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 tccgagtggc cggcaggcca tgtgctgtct tgtttttaac acatcagctc ttgccggaag 180
 ccgctaagag ataaaaatagg aagtcccacc cttcccttag agaaggaaaa cggagagccg 240
 aaggagtcaa tctaaattcg atgagcgcgt mgggctccaa ggcaggcgct gtcagcccgg 300
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 ttctgccccg tctctcca 378

<210> 29146
 <211> 79
 <212> DNA
 <213> Homo sapiens

<400> 29146
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 ctttgggaga ccgaggcag 79

<210> 29147
 <211> 150
 <212> DNA
 <213> Homo sapiens

<400> 29147
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 ttgtcgccca ggctggagtg caatgacacg atccatcctc accacaacct ccgcctcccc 120
 ggtacaaggg attcttctgc cccagcccca 150

<210> 29148
<211> 322
<212> DNA
<213> Homo sapiens

<400> 29148
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aaagatatta tgcgattttc cccatgtaaa agtaaaaatg attctggaga agagttgccc 120
agatgaacct cttcttcctt taaagagaga ctttaaggtaa agagaatttg ctcttaaagc 180
cattttataa aagtcataat actttttgct acaatcattt caggcttttt ttgttttaaat 240
taaaggatgt ttgctgttaa ataaaattaa ggtaaaaaat gttaggtata gaagtctaata 300
gttgaaaatt gtacaaaaag cc 322

<210> 29149
<211> 106
<212> DNA
<213> Homo sapiens

<400> 29149
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agcgttacac agtataccca tgtaacaaat ctgcacatgt acccct 106

<210> 29150
<211> 187
<212> DNA
<213> Homo sapiens

<400> 29150
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gttggaaaaa ggctcctgta accctcctcc aggatgaacc acctgccaga agacatggag 120
aacgctctca ccgggagcca gagctcccat gcttctctgc gcaatatcca ttccatcaac 180
cccaaca 187

<210> 29151
<211> 117
<212> DNA
<213> Homo sapiens

<400> 29151
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ttcaaagttt actttataat tgggtttatc ttatttattg aggaaatatg gtgcggt 117

<210> 29152
<211> 454
<212> DNA
<213> Homo sapiens

<400> 29152
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aaaagcagct tggattttta atataaatat cttccctgcc ctttaagatt gctttgccta 120
ggagattctt aggtgacact aagactcgtt aagtatcttt gtcgtagatt gacttttagt 180
cttctaagca aggcctttatc agaatcctag gaattccatt atacatttag cagtgcacaaa 240
agtaagctgt gttgggagca aggaaaatga gggaccaggg agaagggcct gaaacagcct 300
aagggaaata ggttgaggag ggcagtagtc tgctgttatt tgcaccctgg gcttgcgttc 360

004220 " 5555555555

cttctgaggt tgttttaaat caatattcct ggctgggcac tgtggctcac gcctgtaatc 420
ccagcacttt gggaggctga tgcaggtgtt cagc 454

<210> 29153
<211> 129
<212> DNA
<213> Homo sapiens

<400> 29153
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attgcctcca aagtaaaatc cccawtyckg gktggcttct ttgaatgcag tactgctcct 120
aacaccccc 129

<210> 29154
<211> 83
<212> DNA
<213> Homo sapiens

<400> 29154
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cctcccat aataagcaga cat 83

<210> 29155
<211> 404
<212> DNA
<213> Homo sapiens

<400> 29155
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gcttcgctta ttccacttct ttgkttttt ttaaaactct ttccactatt ccttgggtcaa 120
aaaagtagaa agattcaaaa atgcccattc catttttttc tcttcagact tgggtgttagt 180
gagaattttc aggattttgc tgcttttagca acgtagtttc tggagtaaag agctaaatgg 240
tgctggatca cctcgTTTT ctctggaatc ttcatttttt ttcttgtctg tcttactgaa 300
cagcttacag tttcttgga atcccatgct ctctgctgt gcacatgccc ctcgttctcg 360
gacgtgtggg gagatggggc tgacctggmg sctcttact cagc 404

<210> 29156
<211> 170
<212> DNA
<213> Homo sapiens

<400> 29156
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tgagcaatct atccagacac ctgaagacyt ggaatgggga agggaggacc cagcctttgg 120
atgcctatca gaggatgaga tattaaggtc ctctttggaa atgtgctggt 170

<210> 29157
<211> 218
<212> DNA
<213> Homo sapiens

<400> 29157
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gagtttcgct cttgttgccc aggctggagt gcaatgggtgc aatctcggct caccataacc 180
 tccacctcct gggttcaagt gattcttctg cctcagca 218

<210> 29158
 <211> 182
 <212> DNA
 <213> Homo sapiens

<400> 29158
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 tgttttatga cgttcatagc tttcttttcc caaatataag ttagaagtaa aacttcttcc 120
 tttcccacta ttactgtgac atgagctcag ctatagaaaa gcagaagaat tacaggcaaa 180
 tt 182

<210> 29159
 <211> 117
 <212> DNA
 <213> Homo sapiens

<400> 29159
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 aggagcagcc ttactgttc tgatattcca tctattcatc ccatactctgr agccttc 117

<210> 29160
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 29160
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 aagttccttg atgtggaata gtgcaacctg tatatgggtt attataatag gaaagacatt 180
 tgtacttgca cagtttaaat cattcttaaa ttttgaacat gtgaattgtc ccaaaaaatc 240
 ttttaatttt tggtaatttt tactcttttt gtgcacatgt tgatttctta atggtaaatc 300
 cttcatttaa agatagtgtt ctctgttgag aatatttaca t 341

<210> 29161
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 <212> DNA
 <213> Homo sapiens

<400> 29161
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 tatgtataaa tgttttgga atacattttt aatwataatc tatgatcatc acattgcctg 120
 tatcttatta atatttttaa tgtctcttga agcactcaaa tgtgtttgat tcagttgaat 180
 aaaaggattt ctttttctct ttttctagaa ca 212

<210> 29162
 <211> 268
 <212> DNA
 <213> Homo sapiens

<400> 29162
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ccccagcttc	tgtcaccatt	cttgccctcar	ccstcaattc	ccattcttgc	ttcagcccta	120
gcatcaactt	cagctccaac	gccagcccca	gcagcctctt	ccccagctgc	cccagtcac	180
acagcaccaa	ctatcccagc	ctcagcccca	actgcctcag	tcccacttgc	ccctgcctca	240
gcttcagcnc	cagccccagc	ccccccca				268

<210> 29163
 <211> 171
 <212> DNA
 <213> Homo sapiens

<400> 29163						
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tggccagatg	gcctgatagg	atgatgstgt	wamcatctca	ctttaaggaa	acaagggctg	120
aagtcaacct	cgggagagtg	ggaatgaacc	cgagagacgt	tctgaaaaaa	c	171

<210> 29164
 <211> 189
 <212> DNA
 <213> Homo sapiens

<400> 29164						
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atatatatac	tcacacacat	atagcatwaa	aatactcagc	agggctagtt	attccgattt	120
cttgacaaat	tatttagctt	tttgtaagtt	caacatgtaa	attttaaaaga	cataaatata	180
gagagacgg						189

<210> 29165
 <211> 220
 <212> DNA
 <213> Homo sapiens

<400> 29165						
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gacgcctctg	ggccactggc	cgggccactt	gagcgtggga	ccgccgagtg	tgaccctgag	120
gccgagtgcg	tgccggactg	ggcgatagct	ccgccaggca	ggattttgtt	tgtttcacct	180
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<210> 29166
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 29166						
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tatatatact	tttagaaggt	acagggaata	gatgaaaatt	aacttttaga	ttatataatt	120
tatctgatat	aagtgcattg	atagcctaaa	tatatttcta	tattgaaaga	tataatctac	180
cactcactta	ccagtttgat	ttaaaaaata	actattcatg	tcagctatat	aaatttttta	240
atgtaaaaaa	actataaaaa	taatttaaa	tctgtgctta	ctgaaatagt	ctatatagcc	300

<210> 29167
 <211> 160
 <212> DNA
 <213> Homo sapiens

<400> 29167
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 tcacgcctgt aatcccagca ctttgggarg scatggcggg tggaacattt gagggcatga 120
 gttcgagacc agcctgnca acatggtgaa accctgtcta 160

<210> 29168
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 29168
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 gcacaagctg cgggtgttgaa tgggtgtgtct tagaccggg tgcctagtgt ggctcgggtgc 180
 cttacaatga atttggggaa agagtgtgtca aacgaaacct atgtttctaa tgaccagcag 240
 tgggtccacat gtgccaggag atgtgggaat ggctaccct gaagtcatat ggagaaatgg 300
 ggtcctcatc gcacaccata caciaaacatc atctcacaaa tggattaaa 349

<210> 29169
 <211> 267
 <212> DNA
 <213> Homo sapiens

<400> 29169
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 ccaagttggt acacattwat grrgaaagggt ggctgaggaa tataccagag ccctaggcca 120
 cagtgtcagg tagtaggaga tgggtattca tgggcatctt tgtggtttta gtagtaggta 180
 gaaagtcctg actcttttag tgtaagttca gatttccttg atttcaaadc atttgaaac 240
 atacttcagc actcctccta accgcac 267

<210> 29170
 <211> 139
 <212> DNA
 <213> Homo sapiens

<400> 29170
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 tcccgaagtg ctgggattac aggcattgagc caccacacct ggcccccttt tttatacttt 120
 ttacaagtaa tctgacct 139

<210> 29171
 <211> 118
 <212> DNA
 <213> Homo sapiens

<400> 29171
 aaagagaaaa aaatcggaag gaaattaacc aagatgaaaa taaagtagat gggatgaatg 60
 ccccaaaagg ccaaactggg gaactctagg ccgtggtcca ggagacggag ggaacat 118

<210> 29172
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 29172
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 gttaaatcag tgcttcgacy cabtcttata tgttctgttc aaaactatth gttcaaagaa 120
 ccngttagtg ttgtttacag ggttacagtt tctctcacat gctttcctca cccccggc 178

<210> 29173
 <211> 314
 <212> DNA
 <213> Homo sapiens

<400> 29173
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 ggatcttctg agccagctgg agtcagttct aggaaccac tgttcccatc ccacagataa 120
 accaggatgc atcacttagg aattgcggtc ttgtctttcc ctgtatctcc aatgcccagt 180
 ttggcccata caggaaatat ggaaacttta taagtatttg ttgattagag aataagtaaa 240
 caattgaatg ataatgacta atcaaaactg gagtgaagra tgggraatac tgtctcagcc 300
 grattaagaa ggtc 314

<210> 29174
 <211> 170
 <212> DNA
 <213> Homo sapiens

<400> 29174
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 ccataagatg gtatattgtc tgggtgagatg ttgtcacaca gttctgcacc tccaccccc 120
 attcccacat ggtctgcnc tccctcatctc cgtgactgaa cagcctctcc 170

<210> 29175
 <211> 165
 <212> DNA
 <213> Homo sapiens

<400> 29175
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 gcagcagact ttaaaaaata aaaaaaccta ggcatgttga tgttgcaaaa tgctgtataa 120
 agctgaaacc tgttcattca gtgccattgt agttgacatg aaggt 165

<210> 29176
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 29176
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 gcttctgtcc cttttgattc caactgaact tttgtgttct ctaatgatac caacacgg 178

<210> 29177
 <211> 154
 <212> DNA
 <213> Homo sapiens

<400> 29177

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actcttttta ttttttagag ccatccatcc tgaattttat aaatgatttt ttatttataaa	120
atttgagatt tttaaaattt ttcacagcac agat	154

<210> 29178
 <211> 183
 <212> DNA
 <213> Homo sapiens

<400> 29178	
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gtgcattagt ctgaagagta tacattggat aggaaagaat ttccttcttt tgtttctcca	120
aatctttccg ccttatttag cttgagatct ttgcagcttg gttcatggat tctagccttg	180
ccc	183

<210> 29179
 <211> 145
 <212> DNA
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<400> 29179	
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atctgtagat tactttgggt agtcg	145

<210> 29180
 <211> 386
 <212> DNA
 <213> Homo sapiens

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aaagtgtgtg gatgaatcct tccccttgac tcttgttggc gtgtctgtat gagaccatcc	120
aaagactaca ttttaaacct tgagccaatg gtcggcccg cactcctcc aagtggccct	180
gctgctggcc ccaaggaatc agaaaaaggc cttgtataaa acaggctggc tgactggtga	240
tgggagggtg atagaggcat gttctagtgc cttcagctct tccccaggg tgtaaattct	300
ctcctaggcc tgacagttgg atctagaatt tctctcctgc aaaatgggtt tatttcagaa	360
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 <211> 412
 <212> DNA
 <213> Homo sapiens

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gcctgggcaa cataatgaga ccctgtccct acaaaaaatt aaaagaaaaa tagccagggtg	180
tgttggtccc agctatttgd naggtgaag caggagaatc atttgaggcc aggagctcga	240
ggttgacagt agctataatc akgccactgc cctccarcct gggcgataga atgagaccct	300
cccagacagat agatagatag atagatagat agatagatag atagatagaa tgagascctg	360
ccaatagata gatagataga tagatagata gatagataga tagaaagaat ga	412

<210> 29182

<211> 314
<212> DNA
<213> Homo sapiens

<400> 29182
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cattttttaa cagtacacta ggtgggtttg atacagatcc aaggactcka atttagagga 120
acactaggtt agagggtttct cagacctgca aacacctaag cacctgggcc aaacaaagct 180
acaacgaaga tctgtatgaa gatatatagt tctgcagaat ttaaaaagag cacaatttaa 240
gtcttcggcc ctcagaagtt aaattcata tccatctaag scmamyttgg atttcawtaa 300
gtagaatgan gctc 314

<210> 29183
<211> 197
<212> DNA
<213> Homo sapiens

<400> 29183
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gttttcatag ttacaaaaca gctcatgtgg accttcagga taaaagacag gtgaagactg 120
ccttagagca agcagagysg cagccgggaa gaggactgtt tgatcatgat aatctcatgc 180
aaagtacata aaggggt 197

<210> 29184
<211> 218
<212> DNA
<213> Homo sapiens

<400> 29184
aggaacaaaa gctccagcgg agtctggcgg aggcactaag ggagcacggg gtgttttgaa 60
taattattaa aattagcatg tgtctgcgcc atcctgtggg tgtggcgag agaggagtgt 120
aaactctagc ggggctagag caaacattgg attagcggca gcagcctgcc agcctgccc 180
aggagtgtct ggaccagcgc gctgcacgcc gactggct 218

<210> 29185
<211> 100
<212> DNA
<213> Homo sapiens

<400> 29185
ttttttttga gacagagwet tgctccatca cccatgctag agtgcagtgg agtgatctcg 60
gctcactgca acttccgcct tctgggttca agctattctc 100

<210> 29186
<211> 292
<212> DNA
<213> Homo sapiens

<400> 29186
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atgagtataa ttttatcaat atgtaaaat atgaggcatt gattctcaca ataattctat 120
gtgctaggta cttaaagcat cccattttc caaatgtagg aaacaggcat aaagaagtta 180
aatacttggc cagattactc ctgtaatccc agcactttgg gaggccaagg caggcagatg 240
gcttgagctc aggagtgttg aaccagcctg gtcaacattg tgaadcccca tt 292

<210> 29187
 <211> 174
 <212> DNA
 <213> Homo sapiens

<400> 29187
 aagaatagct gagccagagc gaacgtgagt gtgaaacctc ttttaagacac cgttgggctg 60
 cttggttctg acattctgga ctgcaaaaaca gttcctacta ggatcctggg gatacatgaa 120
 gcttctgtga accaactttt caagaaaaag caatggagat tggatggatg cact 174

<210> 29188
 <211> 187
 <212> DNA
 <213> Homo sapiens

<400> 29188
 caagttggtg tattttgtgt tactaagact gttttagtgt ttgtaaaaga cataattggg 60
 gtaagttgaa aaggttttta acattttatt tttgttttcg tctgtgatta attacagcat 120
 tgatgtaaat atgtttcaat tttgaaataa taattttgta gaaaagaatt gtcattaaca 180
 caaaggc 187

<210> 29189
 <211> 138
 <212> DNA
 <213> Homo sapiens

<400> 29189
 cdacattcct ctdctccaaa aggaaaaata aacatacaac ccttcgttac aaatttwaat 60
 tcccggtttt ctgtaaccca gactcatgcc tcgcttttct cggagacaga cataagtaga 120
 acatcgcdgc agatgctc 138

<210> 29190
 <211> 275
 <212> DNA
 <213> Homo sapiens

<400> 29190
 ggtaatcttg ggcactagcg ggcggagttg aagggcgctt ggaccccagc ggcgatctgt 60
 gtttggttgc gcgctctggg agaatttttg ctttgctcgc cttcctcttt cagaagactc 120
 gaaatcggcc agcaggtctg cgagatttga aacgcgactg ttactccttg ttttccggtt 180
 ctggccgcgg gagcctctcg agaagcgtgg aaagaggaga agggcgata cytgtgaccg 240
 cctctggttg tcttgggctc gcgcctggcg ccgta 275

<210> 29191
 <211> 257
 <212> DNA
 <213> Homo sapiens

<400> 29191
 caaaacttta gcaagtatgt gaaacaagaa gttctgggtc ctttcatcat aagggagaag 60
 cttcagaaaag ttccgaggac ctgctaaaat cagctactag aatctgctgc cagaggggac 120
 aaagacgtgc actcaacctt ctaccaggcc actctcaggc tcaccttaaa atcagccctt 180
 gatcccattt ctgggcaatt tagacagtga aactgacttt gtttacckct tgcagcatat 240

tagaacagac gacccat

257

<210> 29192

<211> 233

<212> DNA

<213> Homo sapiens

<400> 29192

gacgaaacaa	agatgcagaa	aagagaaatg	agtgtggtcc	tgtagggaa	gaacatatgg	60
gtcagtacac	catatagtag	caaggctggg	taaaaggagt	cttgggtgaag	gcaataaaag	120
gaaatgtttt	tctgctaaag	aaattaaaag	taatattaaa	acaaactcgg	gtttttgtct	180
tccttttttt	tgttatcacc	atgacctggc	aattgcaaac	aataccagtg	ata	233

<210> 29193

<211> 390

<212> DNA

<213> Homo sapiens

<400> 29193

ctgcaggtaa	caaaagtcaa	agtattttat	cttttcacag	caagaacagt	ccatgttgta	60
tataatacaa	ccaacattat	agaactttta	gggttgtagac	tggttttggg	gcaaagtgtg	120
gctcaagcta	ataagttatt	gtgaaactga	gtttccttta	acttaciaag	ctagttgcca	180
tattttctatt	ttattttaaa	aagtaaacad	gcggctgggc	gtggtggctc	atgcctgtaa	240
tcccagcact	ttgggaggct	gagggtgggc	tatcacctga	ggcagcagt	taaagaccag	300
cctgaccaa	atggagaaac	cccatctcta	ctaaaaatac	aaaactagcc	gggtatgggtg	360
gtacatgcct	gtaatcccag	ctactcagga				390

<210> 29194

<211> 327

<212> DNA

<213> Homo sapiens

<400> 29194

tcaaaattta	agctgatgct	tagatattgt	ctctaataac	actgctaatt	aatcataaat	60
ggtgacatta	ccaacagctg	taaagtagcc	attccacctt	cagacaacag	ttttgttggt	120
ttgttgattt	ggtttggctc	tgagattaac	tacttctggg	tgtagcattc	acatgttact	180
tccatctctg	tttgacttta	gtagagcact	atatagtaac	tgctcttgct	ctcatgcatg	240
ttatgaataa	ctgctttgcc	aacagacctg	atggcctata	aagataaaat	gtgagaagct	300
tgatcatwca	ctgttctgtc	ctcatac				327

<210> 29195

<211> 105

<212> DNA

<213> Homo sapiens

<400> 29195

attccctttg	aaaactggca	caagacaggg	atgccctctc	ttaccactcc	tattcaacat	60
agtgttgga	gttctggcca	gggcaattag	gcaggagaag	gagag		105

<210> 29196

<211> 243

<212> DNA

<213> Homo sapiens

<400> 29196
 attttgggtg gtgctgaggg tcagaggaag aagtaaaaat tgtgagaaag gagaaacatg 60
 ggcttgggga gaaccagaa ttggggacag aagacctggc actaagctat agcacttagc 120
 acctctgac ttgtttttcc tcgtccgtaa aaggagatta acaaagcttt tctgcccacc 180
 tcttggggag aagggaataa tttagttggt aaaaaaaaaa cttttgaata ataagcaact 240
 ccg 243

<210> 29197
 <211> 252
 <212> DNA
 <213> Homo sapiens

<400> 29197
 ttgtatgtga gatgtcctga ttttttaagt tgttggcaga aattaattca gaaatcaaata 60
 ctgcaggcca aacaagggtgc aggaccagc tttggcccca tgcccctgta ggtccctctg 120
 ggacagtac cgctgggggc ctggctgctc tgtcattgag ggatgctggg cactgctgcc 180
 ggggtggccag ggtatggggc atgtgcccag caatgtggct ccttggcccc gctggccagt 240
 gtccctgaggc cc 252

<210> 29198
 <211> 74
 <212> DNA
 <213> Homo sapiens

<400> 29198
 aatagggata agagagaaga gggaggagtc gcagatcagc cattcttgtc ttatggggtc 60
 ccagctggcg casa 74

<210> 29199
 <211> 234
 <212> DNA
 <213> Homo sapiens

<400> 29199
 tcctaattaa ttggccaaac acaatgtaaa taaaatagga aatgcttcag ttaatatatta 60
 ctatataaac aaacaaacag atagtgggat aatggtttta tctatcacca tattctagaa 120
 ttgtgcctgg cattcagtaa gcacctaag gattaacaaa tatgtacttg tagatgtctg 180
 cagaccaagg tgaatttagt gaatatcaaa aacttcttga gtgctccacc gaat 234

<210> 29200
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 29200
 ccactctact ctctacttac cccccacac cacatthttcc ttctctttct ctttgttgtg 60
 tctcttagaa ttttcttgag ctctccttga atctttaccc agcatagcag ggacaacaca 120
 gtccctgagat catcaaaagg ggcccagatc tgcttctggg tcctctggga gggctgcggg 180
 ttggcacagc tccaggatga gaaggtaaaa gatgcctaaa gatgctgggt attgagccca 240
 gtgttttagt tgaatgtttc ctgtggacca 270

<210> 29201
 <211> 161
 <212> DNA

<213> Homo sapiens

<400> 29201

atactttaac	ttacggggta	catgtgtaga	acgtgcagtt	ttgttacata	ggtatatacg	60
cgccatggtg	gtttgctgca	cccatcaact	cgtcacctac	attaggtatt	tctcctaata	120
ctatccctcc	cctagtcctc	cactccctac	aggccccaga	t		161

<210> 29202

<211> 334

<212> DNA

<213> Homo sapiens

<400> 29202

caattgactg	cttcttactt	ttttaggcct	cctgtcaacc	agctcggttg	agcaagggct	60
cagctgtttc	cttttatgaa	accacaaaac	tgttttggtt	cgtttaaagg	gaaaacaaat	120
caaaagcagt	tttctgaatg	ggttaaaagt	aataaattat	taaaccacaa	gattgaataa	180
catgggtgaa	aaacaatccg	ttacaaagaa	ctcctaccat	aaatctcaac	aaagctagtc	240
aagccaaagc	tagttgatca	catctgttac	tagttagatg	tatatttcag	attacagata	300
aaraaattaa	attgcttttg	aaatttgcag	gcct			334

<210> 29203

<211> 126

<212> DNA

<213> Homo sapiens

<400> 29203

agctgggttc	aaacctggac	tctgccacct	acagctttgc	gaccttgggc	atcttggtta	60
accttgctta	atcctccaca	ccctcatcct	gaaaatcgga	ggaataacag	tatggcagtc	120
ccccct						126

<210> 29204

<211> 351

<212> DNA

<213> Homo sapiens

<400> 29204

taagttcctt	atcagtgttg	gacattagat	ctttgtcaca	tgcattgttg	caaaaatttt	60
ctccatttct	gtaggttgct	tggtcactct	gttgatagtt	tcttttgctg	tgcagaagct	120
tcaagaagaa	aggaatccga	ttggttctgt	gtctgtctct	tttggtattc	tcagaattat	180
gtagtcattc	atatagaaa	atgattagga	aaataggaca	agaatagcag	aaatctacat	240
aaaaatgtag	gaaattaaaa	ttagttacca	gcatacaaaa	agcttctgta	tgtdataatt	300
acatactata	actcaccctt	ccttggcaaa	tattctctct	cttttgactt	c	351

<210> 29205

<211> 166

<212> DNA

<213> Homo sapiens

<400> 29205

cagagccagt	gaagggtttc	tttggtaaaa	tgaaattgtg	ccattgtcaa	agtaccccg	60
agtgatgagc	actgactggt	tcactggcca	catttttagtt	cttcataata	ataggccaca	120
aaagggtctt	gtggtttg	tccatgtgca	ctggcccctc	cccacc		166

<210> 29206

<211> 381
 <212> DNA
 <213> Homo sapiens

<400> 29206
 catattatTT aaagaccctc agcaaagctc acatccctac taatttgaaa aatctctgcc 60
 ttaagctctt ctctccattt agaaaagtgt tctgccagtt aaaatttggg ctaagctatc 120
 caataaagcc agggcaaata ttatgtttac ccactttctc taaagtaggt atttcagaag 180
 agatcagtta atttctaact gtagcatagg ttatggatcat gtagtatctt ttaaaatttg 240
 agtaagggca tgctttgagc aagtaagttt aagttgactt tcttctggaa ataaaagtaa 300
 gangtgtctc taaattatTT attgaacagt attcctaatt actacatttt cctggcttaa 360
 cttggctgct gaagaaattg a 381

<210> 29207
 <211> 201
 <212> DNA
 <213> Homo sapiens

<400> 29207
 ccgagtggct gggattacag gtactcgtca ccacgccag ctagtttctt tgtattttta 60
 gtgaggatgg ggtttcgccca tgttgccag gctggctctg aacttctgac ctggggcgat 120
 ctgccactt tggcctccca ggggtgctggg attacaggca tgagccaccg tgcccggctt 180
 tttttgtttg tttgtttgtt t 201

<210> 29208
 <211> 161
 <212> DNA
 <213> Homo sapiens

<400> 29208
 cgaaaaatcg aaaaccttcc ggtcaccatg gcgaccaggc gccttggggg cggggagacg 60
 ctgggggccc tcaacgcggc cctggggcca ggcggtccgg tgtggatcaa ggagacgcgc 120
 acccgccacc tgcgttcccg agactttctg gcaccgcacc t 161

<210> 29209
 <211> 241
 <212> DNA
 <213> Homo sapiens

<400> 29209
 tcaatcttca gagtaaataa gttgattttt aggaaaagtg aactgtaact gaagcaattg 60
 acacatgggg actatgtgga aaacatcatg gtctggattc aagttacagc attcatggta 120
 atgctcagaa agataataac atactccaag attccactga aatagtgggt gctatttttt 180
 tttttagaaa atagcttggg actctggkga taatgcaaaa tgggcttgct cttccaaga 240
 c 241

<210> 29210
 <211> 345
 <212> DNA
 <213> Homo sapiens

<400> 29210
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 taagcaatca ggaagacagt aacaaaattt ctgctcttgg taacgtttgc agtgcatttc 120

ataggtgtca	ttaatatcac	aagctgagat	tgaaaagctt	ctggggatat	atgaaaaatt	180
aatgggcatt	agaaaagtaa	aatagcatga	ggttgtgtgt	gtgtgtgtgt	rtgtgtgtgt	240
gtgtgtnaaa	gaatgcatgr	agattgwgag	cagatgccca	aggggtggag	aagagagama	300
crdnatctct	gtggattrga	gaaaggwctg	tdgagggag	gasgc		345

<210> 29211
 <211> 358
 <212> DNA
 <213> Homo sapiens

<400> 29211						
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ctgtaatggc	tgaatctttt	attttgcctc	ttgaatcata	cagcagtttg	tgagagtcaa	120
atatttgata	gctgattgaa	aataaatgaa	atgtgagcgc	ttttcagtgg	aagtaggcca	180
gttgctaaca	ttctcttcta	tctctgaaag	ttaaatttca	ttatttaatt	ggataaaaaat	240
caagagcaat	atgtgtcata	tgggggaatt	tctatataag	gtcactctat	tgggcggcgg	300
ggaatggctc	cgtggccttt	tttgggtggt	aactctattg	tttcttatgt	tgaataaa	358

<210> 29212
 <211> 181
 <212> DNA
 <213> Homo sapiens

<400> 29212						
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atcctagagc	aaccatatct	gttactttcc	atcctgggta	tatttcttaa	ttagactgcg	120
aagttctgaa	tgaagtcctt	tttaaataga	gcagttaatg	ccatttctgt	ctctgcaggt	180
c						181

<210> 29213
 <211> 217
 <212> DNA
 <213> Homo sapiens

<400> 29213						
caagtagtag	acggggctcag	ctacctcctt	caggagatct	atggaattga	aaacaagtac	60
aacacacaag	attctaaggt	ggctgaagac	gaagtgaagt	ataacagtgc	cgagtgtgtg	120
gtgtgtctct	cggatgtccg	ggacaccttg	attctgccct	gtcgccacct	ctgcctctgt	180
aacacctgtg	cagacacgct	gcgctaccag	gccaaac			217

<210> 29214
 <211> 196
 <212> DNA
 <213> Homo sapiens

<400> 29214						
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gcagtgaagt	cttaaggtca	aggtgagtag	taggccaggc	gcagtggcct	aggtgaaggc	120
cacaccagac	ttgggcctac	gtcttggcct	tccaggctcag	cagagtggcc	tgggacttgg	180
atgccttggg	gtcacc					196

<210> 29215
 <211> 204
 <212> DNA

<213> Homo sapiens

<400> 29215

tatacaccac	atcttcattg	tcatttgcca	tttagattgc	ttccatgtct	tgtcttttgt	60
aaataatgtt	acagtgaaca	tgggagtaca	gataatttgtt	aagagggtaa	atcttaggtt	120
gtgttcttac	cacatcctcc	aaaatcataa	taaataaaga	agatagaatg	gggggattgg	180
agaaatgtcg	gtcaaaagaa	acat				204

<210> 29216

<211> 138

<212> DNA

<213> Homo sapiens

<400> 29216

gtaagaatta	tatcaaattc	cttttttagct	tttaatgagc	tatccatatg	gtttcttctc	60
ttttgacca	tttatgtaat	taataacata	artaacattt	actagtaggg	gaacatttgt	120
acatatctgg	gggcgaac					138

<210> 29217

<211> 106

<212> DNA

<213> Homo sapiens

<400> 29217

cacttttaa	at	ggtttgtcat	tgtgtttata	aaatctcatt	atattgagag	ttccatgagg	60
aaagaaagaa	gtttcttaaa	ataaattcta	ctcaacaata	agctcc			106

<210> 29218

<211> 170

<212> DNA

<213> Homo sapiens

<400> 29218

caaaaagcca	tagaacttgg	tcattgtttc	catttttaaaa	tgatttactg	aaacaaagta	60
atactaataa	aaaccacag	gcaccaaca	ggctgcttaa	aatggctctgt	taaagacatt	120
ttttggttat	ggaatataag	aaaagttttg	cacatctgta	agggggcgac		170

<210> 29219

<211> 275

<212> DNA

<213> Homo sapiens

<400> 29219

tttaaatggag	aactcaattt	aactttgttc	ttttttctac	tctttaatta	aagggtagtc	60
catgatggta	agtcatagaa	ctctgccctc	tgcacttcag	cccatgacct	caggatggcc	120
tgattggcta	ccctgctctc	cagccaatcc	agtgcagct	ctcatccgag	attcactgaa	180
gtgggtccata	tccatctggc	agcatcttct	agttctgtcg	gggtgtcaaa	aggatttgta	240
tatttgcttc	tagaagtaac	tatttgacat	gcccc			275

<210> 29220

<211> 233

<212> DNA

<213> Homo sapiens

<400> 29220
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 ggaggccggg gtaggagtat cacttgaaat cgggagttcg agaccagcct gggcaacatg 120
 tgaaaactgt gtttctacta aaaataattt tttaaaattt aatttaattt aaaaaaggat 180
 aatgttacgc atcatatgat gctatgctag agttgagttg tgagaccaag ccg 233

<210> 29221
 <211> 287
 <212> DNA
 <213> Homo sapiens

<400> 29221
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 taattttgtt tatttttcta tttttgttca aaatggcttc taaatgcagg ccaaccacgg 120
 tgtgtattta actcccaaaa caggaatcta ttccagtcct ggagggattt gctgagagat 180
 gatacagttt acacaaaacc acgtatgctc cacactgtgg actatctggg gaatttttca 240
 agagtaattt caacacactc tattttccat ccaattcact gccctat 287

<210> 29222
 <211> 246
 <212> DNA
 <213> Homo sapiens

<400> 29222
 ctgcaattaa attaaaaagg gttttgtccc atagcctcca acctccttcc tggctcctctg 60
 actagaaaca gcaaatgtgt ccttggacta tttttctctc tgtcagctag catttccagt 120
 tttcctgtta aatgtctttt ttctttttcc ttttttttga gacaagggtt tgctctgttg 180
 cacgatcaca gctcactgga gcctcaacct cctgggctca agtgatcctc ccacctcagc 240
 ccccat 246

<210> 29223
 <211> 295
 <212> DNA
 <213> Homo sapiens

<400> 29223
 cctcattttc tcttggcgct gccatgtaag aagtgccttt tgcctcccgc catgattcgg 60
 aggcctcccc agccatgtgg aactatattt tctaaaagta aagactttta agaaaggcac 120
 aggaggctgg gagcagtggc ttacatttgt aatcccagca ctttgcgggg ctgaggccgg 180
 aggactgctt gagtccagga gtttgagacc agcctgggca acacagtgag accccatctc 240
 tacaaaaaat taaaaattag ttacacgggtg gcttgactgt gcatgactgg agact 295

<210> 29224
 <211> 345
 <212> DNA
 <213> Homo sapiens

<400> 29224
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 tgactacagc gcascagaat ggtgaraagg tggcarmata sgcttatctg actttgcctg 120
 cccagttgct ccgtgccagg aggaggagcc acttattcca tgctggaggc tggagctggg 180
 ggcaccgcag ctcaccttgc tgtggttggg ggtggcgatg gagactacag agcaccagag 240
 cgagagtggc cacggctgaa caatttcaag aagcgagtcg atgtctcacc tccctatctt 300
 atcttgaaaa acccgtgtac ctaagtcgtg gatgtgtctg ctgca 345

<210> 29225
<211> 292
<212> DNA
<213> Homo sapiens

<400> 29225
tacagaatca ttccaagaac cagcccattg ctacagctag agtggagaaa aacagagtga 60
ctcaaaagcc atgggtacca tgatatcagt tttgttgggk tgtatttgwc ggtttgtttt 120
ktcattcawg ttgaagtgc tttgcaaggct tcaggaaaca gagttgtgag gagaaagaag 180
aaaatggctg cccatttcag taccctttca aaggtatctc tgcctaggma cattcttcag 240
aaatgcaact tcttctatctt agaaggtgac ctctgacag cgttcactct ca 292

<210> 29226
<211> 244
<212> DNA
<213> Homo sapiens

<400> 29226
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gtaagcactc aataaatatt gactgtgttg actctcatta cttaaatcat tagtatcttt 120
aaatacactt aataaaagcc tttcttaaca agcatagctg gaggcctttc aggaaacaat 180
aagatgataa taactaacac ttaccgagca caaatttggt ttttacacac tctgctaagc 240
acag 244

<210> 29227
<211> 395
<212> DNA
<213> Homo sapiens

<400> 29227
caaagtgaga ctcttgctctc aaaagaaaaga aggccaggtg cagtggctca tgctgtaat 60
cccagcactt tgggggggcca aggtgggagg atcamctggg ggtcggaagt tcaagaccag 120
ctaattttttg tatttttttg tagggacagg gtttcacat gttgcccagg ctggttttga 180
actcctgacc tcaggtgatc cacctgcctc ggccctctgta agttctggga ttgcaggcat 240
gagccacctc gcctggcaat gttgcacttt ttagccctcc aactckdctc tttgkttgtg 300
tgtacacata ccaagttgtc agcgcgggch tkccttgccc cagaactgtk tkgcggcagg 360
tctcacggcc gcgatgtatc tgatcacatg aacac 395

<210> 29228
<211> 232
<212> DNA
<213> Homo sapiens

<400> 29228
attataaaac ggatatagta acaccaggtt tctttgtgag gcttaagaaa tataaaaaat 60
gctaaatgat ggctgggcac tgtgggtcac gcctggtyma tcctagcact ttgagaggcc 120
gaggcggtg gatcacctga ggtcaggagt ttgagaccag cctggccaac atgggtggaac 180
cccactctta ctaaaaatac aaaaattagc caagtgtggt ggcgggcgcc tc 232

<210> 29229
<211> 147
<212> DNA
<213> Homo sapiens

<400> 29229
tagcaccatg tgtgcgcttc acaagaagac gggatcagaa gcaaaggacc caggtacaaa 60
ccatagatac atcaaggcag caaaggaggr aamctgcctg ctccaccggt gaaagctgaa 120
aaaattgaga catcttcagt gactacc 147

<210> 29230
<211> 88
<212> DNA
<213> Homo sapiens

<400> 29230
aactttcatg agtatcttat agttttcctt atagaggtct ttcacccact ttgttraatt 60
tattcctacg tatttggttc attttga 88

<210> 29231
<211> 135
<212> DNA
<213> Homo sapiens

<400> 29231
ccttaattaa aaagtttcaa atctagacac taaatgtgtg tgaatgtaca aagaaaacaa 60
accattgctt atgctgttat atactagagr aatttttgtt tkgcttgctg ttttaacttg 120
acagatgaag gacgg 135

<210> 29232
<211> 359
<212> DNA
<213> Homo sapiens

<400> 29232
taaggacgag gcggaggctg aggaaggcag cggggagacc caggctgcag caacaaaggg 60
cagcgagcga ttggccgggc tgcaggcgag atttgcctga agacctggak aatctccatt 120
tttgtcatgg actgttaaaa cgtttgaagt tccaattctg gtcttgattt cccagttaaa 180
gatgttcttc acccgaatgc agtctttcct gttggtaaaa taagacaacc atcaacattg 240
cctgtttgtc tgcttttgaa tctcttaagg atggatgttt gtaagatgtt gcdtaataca 300
gtctggaatr ctctgtccat ttgttgaatt gtaaattggct ttcaaattgs aagttctgt 359

<210> 29233
<211> 171
<212> DNA
<213> Homo sapiens

<400> 29233
atgtgtatac catcccttcc cccaaatatt gttcagatta aagtgtcttt ctctctgtga 60
cctgcaagta tcttaactta gcatgtgtgt ccaatttcca tagtgaagcc aaaaattcaa 120
atgatgggtg atattggctt aggaagaatt tattaatgaa tgactgtgcc t 171

<210> 29234
<211> 205
<212> DNA
<213> Homo sapiens

<400> 29234

aagtagagaa aatcatcaat aaatatattat tacattctga caggggtgtgt ggcattgtgt 60
tctatgccag agtgacaaag ttgattcacc cctttttggg gaccttaata tatttttttaa 120
gggatgtgcc tatgcattga tgcctgaaaa atatgtataa agaaatgagg ttgactcttc 180
tgagcagttc atcttttcca gaggt 205

<210> 29235
<211> 182
<212> DNA
<213> Homo sapiens

<400> 29235
attttttcgca cgacgcagcg gttgggaaca cagacatttt cggagctgga gccgccactg 60
ccgccgccat tttgtgtctg tggagaaaga agcttctgtg gcggctggaa gtggacggag 120
atcacccgcg agacggcggc gtttcatacc cgaggttccc cctgtgtcgt ccccatccc 180
aa 182

<210> 29236
<211> 351
<212> DNA
<213> Homo sapiens

<400> 29236
tattgtgtct tgagttgaaa ggcagggcag ttagcaacac agttcagatt tcagtactgc 60
ccctgaaatc tgaactgtgt tcaaagtcta aaacgtttac cttagcaaat ccctcataaa 120
actccatttg gaagagtccc gagagctaata ttgtaaagta tacttgacaga aggtagatga 180
ggagacagat taaatcttat tacctctttc agatgagagg ctcttgagtm ctgctcagct 240
atgagaataa gaggggaatt aattctnata gaatacactt gttctcgcag agctgtgtgt 300
ccccaccaga accaaatgag ctcaagatct gacaaagaaa aaaaaaaagg t 351

<210> 29237
<211> 195
<212> DNA
<213> Homo sapiens

<400> 29237
ctcctgagta gctgggatta cagctgtgca ccaccacacc cggctaattt ttgtattttt 60
agtagagaca gggtttcacc atgktkggcm aggctgggtct cgaactcctg acctcagggtg 120
atccacccgc ctcggttcc taatcgaaaa ctctgagta gctgggatta cagctgtgca 180
ccaccacacc cggcc 195

<210> 29238
<211> 182
<212> DNA
<213> Homo sapiens

<400> 29238
caatgattat tgtgtatctt attttcactt tggaaaagca ttatcaaate tgaaaaattg 60
gattgtaact agaaaagttt gaaaagtttt ycaaacttca ctttctcttc ataaaatcga 120
tactgctgc caacagttgt tccttgtgtg tgccaatata taagtatac ttgacccac 180
cg 182

<210> 29239
<211> 130
<212> DNA

[illegible]

gatacagcca ctgcaactcca gccttgggga cagagcaagg ctgtgtctca aaaaaataa 60
ataaataaaa tgggtctttct caaagggtaca taagtgggtt cttcagaagt cactattaga 120
agaggagagg 130

<213> Homo sapiens

caccagaatt	gcttagaaat	tatctgcagg	ctttagggat	ttttgcttat	cagtatat	ttt	60
catttgcccc	attgttcagc	ccatccacca	cctccttcca	tttgttctca	gaaactaaac		120
taggagaaca	taagcacttg	gttatgtgaa	aatgtactta	tgattcttcc	atgaaaacct		180
aaagtattaa	aaacccaaca	c					201

<213> Homo sapiens

gttcgagatg	ttaatcatag	agttcccata	tcacctagca	attttattct	taggtatgtg	60
tccaaaagat	gaaaaacacg	tacatgaatg	cttgttatag	cattatcata	atatccccaa	120
agtggaaaca	acccaaatgt	ccttgaatgg	aagaataggt	agataaaatg	gggtatgtcc	180
atacagtaga	atattattca	gcaataaaaa	ggagtaaagt	atttatacat	gctacagcat	240
ggatgaatct	caa					253

<213> Homo sapiens

agcggacgcc	gccgccgmmg	ccgccgccgc	gtacctagcc	aggtccctga	ggggcgggca	60
gatgaggcct	aggggtgccg	atccctaagt	gtcgactatg	cgagatctga	ttccggagct	120
gccatgattg	aagtgttagc	agagctcagc	cggggtcctg	tatttttggc	tggggaggcg	180
ctggagtgtg	tagtgaccgt	caccaacccc	cgt			213

<213> Homo sapiens

tgtacctgtc	tactagaagt	tttccatctt	ttcacatttg	catcttggtc	cgtttttagt	60
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ttttatttac	tgtttgaaa	attctgaaat	taggacactt	actactgctt	gtttatcctg	180
atggtctaca	gctcaaatcc	cagccttcta	tatggacaca	agtcatttat	tcaataccca	240
act						243

<210> 29244

<211> 96
 <212> DNA
 <213> Homo sapiens

<400> 29244
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 cattttagc taaacatgct atgcatcaga ctggca 96

<210> 29245
 <211> 141
 <212> DNA
 <213> Homo sapiens

<400> 29245
 ttcaaaatat ctaaaaatga tatacttttc tctcattttt gcttgctttg gggtaacctcc 60
 ttatttttta ggtttatcgg agcttattgc taatgcttat tactactatc aaaatactct 120
 tttttttccc ctctttcccc c 141

<210> 29246
 <211> 67
 <212> DNA
 <213> Homo sapiens

<400> 29246
 cggcctctct gcttatcttt ggtgtcttat aatttctgct ttttaaatat tggctcgccc 60
 atccac 67

<210> 29247
 <211> 282
 <212> DNA
 <213> Homo sapiens

<400> 29247
 cagtaaagat ataatctggc atatttccagt aataaaactc cctaatacta gtggcctaata 60
 tcttgccccct gttacatata ctttgtttgt tkggaagggg ggacttgatc kgcttattgt 120
 aattacttta gaagtcacgc tattggagct atctccatct tgcaaattgc tagatcttct 180
 gccccaaagg gaaggagaac gctccagtgc agtgtcacat ttcctacagc tcattgacag 240
 aacatgtcat atgctcttga cagatcacag ggagggataa ct 282

<210> 29248
 <211> 316
 <212> DNA
 <213> Homo sapiens

<400> 29248
 ttagacttga tattgaaact tgatgacaag tgcttaacaa gcagatattg agcatgctgg 60
 ttgcaaaaaa agttatgaaa tgcaaaggaa gttcatamca tattctagaa tctgtcattt 120
 caggtattcc accactggaa gtccctcgta gacctacatc cctccatgtg tcgccctgac 180
 ttgctttgcc ccctgaggag tgtgctttat ggtcagcctt tctccttctg ttgattcytc 240
 cccgggcccc gcagctattg caagcttctc tcatattaaa agtgtagaaa acagcagcac 300
 tcccaacccc ccccaa 316

<210> 29249
 <211> 180

<212> DNA

<213> Homo sapiens

<400> 29249

tagtctggtg	cagttattca	tgacagctcaa	accagtgttg	ttcaaggggc	aactgtagtc	60
tttaagaggcc	tctatgaccc	ttcagagacc	cctggragct	aggatggcat	tttagagttg	120
cccctgattg	aggcaagagg	gaatggatca	gtgcagctca	acactaacca	ggtgtacccc	180

<210> 29250

<211> 291

<212> DNA

<213> Homo sapiens

<400> 29250

tgtcttactt	cgcttttgaa	tgacattttt	gtggacaaaag	aacttttaggg	taaggggatt	60
tcttttcttc	tttaagtactt	taaagatggg	gttctatctt	tckatttgca	tttctttttc	120
tgatgatatg	tggtatattt	atnattcttg	atccttcaca	cctttttttc	cctattatct	180
gcctttaagc	tttctgtgtt	gtcgtgtggt	tcgagaaatt	tgattatttt	grctgtatgt	240
aattktctat	gtgttcttgt	gtttggggtt	tgttcattat	tttagatccg	t	291

<210> 29251

<211> 80

<212> DNA

<213> Homo sapiens

<400> 29251

ggcaacttgt	ttggtgctag	tcattaggca	catcagttct	taggaaattc	tggagcatct	60
tttgagaca	gtgaacatct					80

<210> 29252

<211> 221

<212> DNA

<213> Homo sapiens

<400> 29252

aattaacagt	catggctgtt	attcatattt	gattcttagt	tttgtcatgc	attttagca	60
tagtaggaat	ctgtacctct	gacttagcaa	atdaaaatgc	ctttggcaag	ttctctcatt	120
cattaatgga	tatccctgag	ccatttccca	tcccctttca	acctttattt	agagccattg	180
ggataggtat	agattaagac	aattgggaaa	gtgagagccg	a		221

<210> 29253

<211> 295

<212> DNA

<213> Homo sapiens

<400> 29253

caaagtatat	tctctaaatc	acttcgacca	ataaatgtat	tctcctcctt	aaagcagagt	60
tgtatcaact	ctgtgggagc	atttatgagc	tgctcagccc	cacacttcta	gccagaatca	120
caataaggtc	tggctgggtg	tggggtgctg	cataggaaag	ggctctctga	gaagcaagaa	180
gggcacaatc	atggccact	gtccccctct	tcttctcagt	gctctttgcc	ctctcwgct	240
gcgtgcttcc	tcttcactcc	agtgtgtatc	ctcctgctct	ctctggcagc	ttcca	295

<210> 29254

<211> 173

<212> DNA

<213> Homo sapiens

<400> 29254

agttggtttg	ttgtttggtt	taaagacaac	agcccctgag	ctctattaaa	tggacaaggt	60
tcgagagaca	ttcctaaatg	tccagacaac	tccacagcgc	gcatttctct	ccagcagcgg	120
gaagattcag	agacctcgag	actgaacacc	caaattctcg	tttccaggac	cac	173

<210> 29255

<211> 268

<212> DNA

<213> Homo sapiens

<400> 29255

tccccgagtt	ctgggggtca	gtcgggtcta	gctctctcct	gccgccggcg	ccactccaga	60
aagctgtggg	taccggggag	cggagcgcnc	gcgngtgtg	ctgggcgcmg	gtggaggggg	120
gaacagcgas	gattagacgc	cgggaagcac	ttccccaaca	tctgcgagag	aatcccatca	180
tcgctgtcac	atctcatccc	aggagggaga	gaggagctgc	cgagtagaaa	gcagactggc	240
tgcagggaca	gaagacacca	agggcacc				268

<210> 29256

<211> 145

<212> DNA

<213> Homo sapiens

<400> 29256

ctactgcaga	atcaacccca	agaccggggg	catcgtcatt	cttgcccgga	gtgacggcac	60
cctcaacccc	aacgggggtg	ggttcggcag	ctcggaatc	tataacattg	tggaaatcct	120
cgaggagggtg	gaggacagcc	ttcac				145

<210> 29257

<211> 354

<212> DNA

<213> Homo sapiens

<400> 29257

tcagaaagtc	atcattcttg	ggaagacttt	ggagggtgct	atcttttctg	ctgtaattgt	60
tctgggtaga	tggagtataa	acatttgaat	ggaaaaaat	taacctagaa	tatattcatt	120
ttagtcaagt	ctgtgattat	ttatgtgaaa	tgagaacccat	tgtatcagat	gttgataaaa	180
gcaattttta	cttgagatg	tgagccctg	ggcacaatga	gccgctaaat	gggagctcaa	240
ttgacaggca	tcaccaagtc	ttcaaggagg	actgagttct	caggggagaa	ctgggaatgg	300
ggccagggtg	caaaaatgct	ttgcccatct	gtaggttagac	acacagatcg	ctca	354

<210> 29258

<211> 357

<212> DNA

<213> Homo sapiens

<400> 29258

tagcacatta	atagctttat	gtataaaagt	tatatgttga	aattgtcttt	tcaaggggtt	60
atcacacaac	ttctctatag	tctgttataa	tagtttcctt	ttctaacctt	cttgtaggct	120
ttatgactta	gtcaaaatga	aagccaaact	cacctgtgaa	aaatatatac	atcttatata	180
ttagtaatct	attatttatt	ttgtcatgct	agccctaata	caattaaggt	tatcaccttc	240
tttctcta	caataccaag	aaactctggt	ctgttattat	ttatcctgaa	actaattttt	300

attctagatt ctacctgtac catatgtctg atttttcatg atcttgtggg ttggttt 357

<210> 29259
<211> 96
<212> DNA
<213> Homo sapiens

<400> 29259
aaattatgaa gatcccaatt atatttgatg aatatgtgtt aattcagcac taccagtaaa 60
aatatttctt gtcaaaaatt ttagttacca gaaacg 96

<210> 29260
<211> 121
<212> DNA
<213> Homo sapiens

<400> 29260
caatgtatgt gtgcaaagcc actaagaaca aaaatgtact ttcccaagct aattttccca 60
tgtgtccaat gaatgtttta aaaggtaaca acttaraaac caataatatt gatTTTTTTT 120
t 121

<210> 29261
<211> 193
<212> DNA
<213> Homo sapiens

<400> 29261
taaaaatctt ttatgttcta cccactcctt cctcgttccc tctccccact cctccctccc 60
cccatcttaa gcccatggca acccctgac tttttactgt ctccatcggt ttgccttbnc 120
cagaatgcca tgtagtggga gtcatatagt aagtagcctt ttcagttggc ttctttcact 180
taccagtgtg ccc 193

<210> 29262
<211> 206
<212> DNA
<213> Homo sapiens

<400> 29262
aggatcatta aagaacaaaa atgagctctt gttaaattaaa aacatcaaaa tatatatgac 60
atgtggaacg tatagaaatg ttgacagatt atccccagta ttgggaaaag attgtttaca 120
gaactttaaa agcacattgc tcatgtcaaa aagtggaaatg aatttggtta tgcagaatt 180
aaagagttct gtgcattgaa ggggaaac 206

<210> 29263
<211> 186
<212> DNA
<213> Homo sapiens

<400> 29263
tatggcaagg agggagctgt ccttcagcag acaaagtcaa gcagctttta gtacaaggca 60
gcttgaaacc tctctgatga aagtgaaaaa tgtgggtagc ttatactttc aaactaatgc 120
cagtgactag agagaggttt cattcatgat gtgtatttcc aatttggtct tcaattcaag 180
agatgc 186

<210> 29264
<211> 350
<212> DNA
<213> Homo sapiens

<400> 29264
atagcaaagg ctctcctggg atcgcacaaat gctgcaccgg aaggggaaggc atgaaagcac 60
ctgggagaga gggagaaagc acaggggggt gtgagtagat agacctgggc tgagcctcag 120
ccttgatggc actacagctg tgagagaaaag aggggtgacac aggtggacct ccagaacgag 180
tgaggagccc cctgaacwgc agttgcctcc agagtcaagc agtgcccatg gcacgaatga 240
ttggcagaag acgtggacag gtaccgtgga agaggggaagt agaaaagagg aaaggatcag 300
gagatgagaa agggaaaaag aagagaaaaga gagagggagg gaggaaggga 350

<210> 29265
<211> 274
<212> DNA
<213> Homo sapiens

<400> 29265
agaagtcact atgggtgacgg ggaggtacca ggtatttgag agcaatcgcc accgctttcc 60
tggaacttga gtaaatacaa tcaagtggca tcttaaattt ttgctggaag tggagtcag 120
agactaaaga tatctctttt aaaagaacca aagcatatcc ttttaatgct tataaatcct 180
attggatttt cttaattata gtattgttaa aagtttctct attttatatc ctagtgaag 240
aatagatttt ttttttcatt ccttttagtg cttc 274

<210> 29266
<211> 162
<212> DNA
<213> Homo sapiens

<400> 29266
agttctgcag ttggaaaatc tgactggggc agcttctgag cgcaggtctg gcctgcacac 60
actcagcggg ccgagtggcc acctccttca gagctgctca gcacgccctg ggatcgcggg 120
cggttttcat cggccgggtt gtgaaacgga caagagagag gt 162

<210> 29267
<211> 148
<212> DNA
<213> Homo sapiens

<400> 29267
atttacgttc ttacactac ggggactggg gtcgtctttg cccacgtccc gacaacttgt 60
tccctgacct cctcagggat ggcccaaac tgtccctgcc tctggcacc cttttcattg 120
gttccatcca tccccacaac aacctgcc 148

<210> 29268
<211> 426
<212> DNA
<213> Homo sapiens

<400> 29268
cagatatgtg ttgagacgga ttctccgccc agctgtccga tacgcccattg aaaagctcaa 60
tgccagcagg ggcttctttg ctacgttagt ggatgttgct gtccagtcct tggtaggttt 120
atttctctgc ttacccttct gtgctaaagc agtccgttaa gagggatgga gtgggagagg 180

gcatactgtt aagcagcttt ttgttgctgt tttttgagac ggagtctcac tctgtcaccc 240
 acgctggagt gcaatagagt gatcttggt cacacctgns matcctagca ctttgggatg 300
 ccgaggcggg cggatcacga ggtcatgagt tcaagaccag cctgcccac atggcaaac 360
 cccgtctcwr gctaaaaata caaaaaatta gccgggcgtg gtggcgggca cctgttccca 420
 gctact 426

<210> 29269
 <211> 94
 <212> DNA
 <213> Homo sapiens

<400> 29269
 gaaagatgag aaggagaagg aaaaggaggc ggagaaggag gaggagaagc cggagggtgga 60
 gaacgacaag gaagacctcc tcaaggagaa gact 94

<210> 29270
 <211> 321
 <212> DNA
 <213> Homo sapiens

<400> 29270
 tctagttttt cttttactga tttttagtta tattccattt ggtagagaa gatactttat 60
 gtgmwttcag thttttaaaa tttatwaaga cttttttgtg gtttaatatc cattctgtct 120
 tggagaatgt tccatgtgca tttgagaata atatgtattc tgctgttggg tggcatattc 180
 agtatgtgtc ttaggtctaa gtgggtttata tagtgttatt taacttctct atttccttat 240
 tttctgtcca gttctatcca ttattgaaag tggggtankg adagtctcca acattattac 300
 acatctatkt ttcccttcag t 321

<210> 29271
 <211> 177
 <212> DNA
 <213> Homo sapiens

<400> 29271
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 gttcatgcct gtaatccag cactttggga gaccgaggcg ggtggattgc ctgaggtcag 120
 gagttcgaga ccagtctggc caacatggtg aaaccccgct tctactaaaa aatacaa 177

<210> 29272
 <211> 308
 <212> DNA
 <213> Homo sapiens

<400> 29272
 cgaatgattt tcctcttttc aattaaaccc atccttttcc ttcattatct tttagttctt 60
 aagacagaag agcaagataa gtctataatt gtctgtcaca agatgaagggt agaggcacat 120
 tatacaaata cagacctgaa gaagtagata ttgatgccaa gttaagccga ttatgtgaac 180
 aagataaagt ggtgcatgct ctggaagaga aacttcagca actccacaag gagaaataca 240
 cgcttgagca agctttgcta tcagccagcc aagagataga aatgcatgca gataaccag 300
 cagccatc 308

<210> 29273
 <211> 138
 <212> DNA

<213> Homo sapiens

<400> 29273

ttaaggtgta	tattttat	ttttattg	cttagttg	ttttgttt	ttttgtttga	60
gatggagttt	cactgttg	caggctgg	gtgcaatg	gtgatctt	gtcactgcag	120
cctccacctc	ccgagtac					138

<210> 29274

<211> 179

<212> DNA

<213> Homo sapiens

<400> 29274

acccgggagg	cagaggttgc	agtgagccga	gatcgtgcc	ctgcattcca	gcctgggtga	60
gggagctcaa	aacaaaacaa	acaaacaaaa	acaaaaaac	caagtgttaa	cgtttttagga	120
taatgacatt	acccacgtg	ggtacaaaa	tgatgagcat	gtctcagttc	tgcagggca	179

<210> 29275

<211> 355

<212> DNA

<213> Homo sapiens

<400> 29275

atttcttcta	gtottagttt	tagctgtgac	ttttctgtgt	aagactcact	tatgcctctt	60
ccaggtcct	gccttctgrc	tactatgggg	cttctcagag	tcaataatct	cccctaacat	120
atttctcctt	ctgtattcca	ctagtcttat	taatggcacc	atgggtcacc	caaccagag	180
tcatcagtgt	atcattctcc	ctcactgccc	ctagccaatt	tgctaaatca	tgatcatccct	240
accagtagca	gatncttatt	ttccaaatgt	caatgcaaca	gtatatctgt	aacacatgtt	300
cttcgagaac	tttgcacttt	cctatcaaga	gatggagttt	ttatcavccc	tcctt	355

<210> 29276

<211> 372

<212> DNA

<213> Homo sapiens

<400> 29276

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gcatacattg	agaaataaat	agacatcccc	tgaacggtct	caactttcag	cctaattcag	120
caatgctcct	tctacccttt	gcttctgttg	tgacgccaat	gggtatatca	gtgaaaaaga	180
tgaaaaattc	tttgccatta	tgggtttgtg	cccctcgaga	aatagttcag	aggacccttg	240
aagaaagaaa	tgaatggaat	ntatcaggct	aatgtgaaaa	tacaatatta	gtgattgtta	300
gaggacagt	ttttgcctgt	aacattttta	gtgtaatttt	gtgtttgtgt	gtatgctggg	360
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<210> 29277

<211> 179

<212> DNA

<213> Homo sapiens

<400> 29277

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tttgaactga	ttagaatgtt	ccttaaatca	tggtttcggt	tggtgcagct	gtcagctaac	120
atttggttga	gctcatataa	tccaaaccta	attgtccaac	tattgtattg	ccactagta	179

<210> 29278
<211> 351
<212> DNA
<213> Homo sapiens

<400> 29278
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gtgagagtta actatatttt tttaatggta ccctgttagt atcaccaagt atttatattt 120
tccttcacga aggagctgta caagtatttt gcacccctcac catatatttg gaaggcagct 180
aactgtaaaa gatgccacat tcagccatat ccaattgccca cctatgaaga gagaaaagga 240
gaaaattagt tgggtgtcttt cccctttttt tcttccaccc cttctaccca tctcttacat 300
accctggatt gagggggaac agtaactgat ttagactgac cagttgcctg t 351

<210> 29279
<211> 229
<212> DNA
<213> Homo sapiens

<400> 29279
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gacttttgag gagaagaccc aagatggctg accagacaca gccaggaaga gcatctccca 120
ctgagagacc agaccatcaa gaagacggac acactctgag catgtctttg gaaggacggc 180
attgagagtg gacagagggg ggatgtagac cctgggctga aggagtagg 229

<210> 29280
<211> 195
<212> DNA
<213> Homo sapiens

<400> 29280
cagcctggcc agcatgggtga aaccccatct ctgctaaaaa tacaaaaaat tagctgggca 60
tgggtggcggg cacctgtaat cccagctgct tgggaggctg aggcaggaga attgcttgaa 120
cccaggaggc ggaggttgca gtgagtggag gtcacgccat cgtactccag cctgggcaac 180
aagagtgaac ctgcg 195

<210> 29281
<211> 279
<212> DNA
<213> Homo sapiens

<400> 29281
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tttagaaaaa aagaaaaaca aaaacaaraa caaaaatcac accattgctc acagaattgg 120
catctcattt ttgggacctc ccatctttct gttttgaaaa gtgtacagta gtgcagtgtt 180
cctgatgtaa ctttatggct tacaatgttg acatgtctca gggtcatgtg tttcgattgg 240
tgttttccgt ctcaggtaga ttgcaaagtg taggcccc 279

<210> 29282
<211> 204
<212> DNA
<213> Homo sapiens

<400> 29282
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cacatcccct ccaacatctg ttgtttcctg gctttttaat gatcgccatt ctaactggcg      120
tgagatggta dytcattgtg atttttgatt tgcatttctt gaccagtgat gatgagcttt      180
ttttagtatg tttgttgacc gcat                                     204

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<212> DNA
<213> Homo sapiens
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<212> DNA
<213> Homo sapiens
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<212> DNA
<213> Homo sapiens
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<212> DNA
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<212> DNA
<213> Homo sapiens
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<211> 118
<212> DNA
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<400> 29288
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 gaccamtacc actaagacac ggagaccggt agtggccctg aatgcctggc tgcgctgt 118

<210> 29289
 <211> 109
 <212> DNA
 <213> Homo sapiens

<400> 29289
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 ttactatact ttttatcgtt agagtgtata tcttctgctt attaaaaaa 109

<210> 29290
 <211> 117
 <212> DNA
 <213> Homo sapiens

<400> 29290
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<210> 29291
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 29291
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<210> 29292
 <211> 124
 <212> DNA
 <213> Homo sapiens

<400> 29292
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 ggtc 124

<210> 29293
 <211> 127
 <212> DNA
 <213> Homo sapiens

<400> 29293
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 acagttcccc acagtcaaaa cccaaaagca aggagatgag ttgaaagaca gtttttcttt 120
 aagtcak 127

<210> 29294
 <211> 102
 <212> DNA

<213> Homo sapiens

<400> 29294
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agttttcttc attttacaga tgagaaatta atccccagag ac 102

<210> 29295
<211> 117
<212> DNA
<213> Homo sapiens

<400> 29295
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tcatcagaat ataattgata ttgaaactg tgggactaca tagctttacc tagggat 117

<210> 29296
<211> 210
<212> DNA
<213> Homo sapiens

<400> 29296
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gaagctcttt agtttaata gattccattt gtktattttg gcttttgtt ccattgcttt 180
cgggtgtttca gacatgaagt ccttgccac 210

<210> 29297
<211> 178
<212> DNA
<213> Homo sapiens

<400> 29297
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ctcaatgtat gttcttaaca cctttgtcaa aaatgacttc agtggagggt tctgaatttg 120
tttctgggat ctcttttgtg ttccatttgt ctatatgtct gtttttattc caggacat 178

<210> 29298
<211> 294
<212> DNA
<213> Homo sapiens

<400> 29298
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gtcaggaaa aacagcaccc ggcattccaaa gagtgggtgg gcttaaggat gtaaagggtc 120
caaccttgac ggggtgggaca gcgactggct ggtgaagtca skkagctctt gctctagtct 180
ccaccagggt gacaccagcc agtcgtctgg ccattcaggc acttgtttgt cctgctcttg 240
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<210> 29299
<211> 230
<212> DNA
<213> Homo sapiens

<400> 29299

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cggtatgttc	ttgctgtgtg	tgtacagaga	ggttgaggtg	ggttttcaag	gwaagcagca	120
acaatttgct	tgtgtagata	statggaagg	actatccaga	agakatgaca	caacagctgc	180
atcttgaaaa	agcagacaat	agttcaccaa	gtggacagag	accaaarrca		230

<210> 29300

<211> 211

<212> DNA

<213> Homo sapiens

<400> 29300

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ataaacagtt	tgtatctgga	aatctgaggt	ccaacacaat	aaaaaattta	gtctaattac	180
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<210> 29301

<211> 273

<212> DNA

<213> Homo sapiens

<400> 29301

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taagactgtt	aaattattag	gatcatctac	tctaacttga	actaagcaga	atgaacccaa	120
rtttctttrt	tccaaghvag	aactggttcc	agtttatcaa	tcagtctttc	aaaatctatg	180
aattattagg	cacataataa	taattcatag	gtgcaaaacc	tatgaattat	taggtaccct	240
ttaagtataa	ggctatgtac	caggaattat	agg			273

<210> 29302

<211> 110

<212> DNA

<213> Homo sapiens

<400> 29302

cagtathnta	ttatctttga	raatcaagga	gaagtttatg	cractgaaaa	tgtttacaca	60
ctgtgctgca	atctactgtt	tgtgaatgtc	aatgtattaw	caggaaacat		110

<210> 29303

<211> 233

<212> DNA

<213> Homo sapiens

<400> 29303

tgttgtttta	acctgggaag	tgttcttcct	gcctttctgc	taggtgtcag	ttagatggtc	60
ccagagctag	gtgctgtgtc	aggccctgaa	gacacagatg	actcaaccta	rrctttactt	120
tccagagrta	cacagcctga	gaggtgtccc	caaagaaarg	gggacatgag	rrgactgcat	180
gcttgagagc	aggggtgttt	agggcaggtt	tggatttagt	gagcarrctg	ggt	233

<210> 29304

<211> 102

<212> DNA

<213> Homo sapiens

<400> 29304

tcgtctaaat tttttcttcc aattaaggaa agtgccacaa gcactaacag gagccaggag 60
gaactctctc ccagtcgccc ttgtttgaat ccatccacgc cc 102

<210> 29305
<211> 211
<212> DNA
<213> Homo sapiens

<400> 29305
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ccaccacgcc cagctgattt ttgtattttt agtagagatg gggttttacc gtgttggtcc 120
ggetggtctt gaactcctga cgtcgtgatc tgccctgcctt ggcctcccaa agtgctggga 180
ttagaggcat gagccaccac gcctggcagc t 211

<210> 29306
<211> 315
<212> DNA
<213> Homo sapiens

<400> 29306
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ccatgagttg tgaaatttaa tgcacaacgc tgatgtggct aacaagttaa ttttaagaat 120
tgtttagaaa tgctgttgct tcagggttctt aaaatcactc agcactccaa cttctaataca 180
aatttttggg gacttaacag catttgtctg tgtttgaact ataaaaagca ccggatcttt 240
tccatctaata tccgcaaaaa ttgatcattt gcaaagtcaa aactatagcc atatccaaat 300
cttttcccc tcccc 315

<210> 29307
<211> 222
<212> DNA
<213> Homo sapiens

<400> 29307
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gctgacgagc ttgcctgtcc atccagctga cttggaatta ggcttttcag gatgtccagc 120
aaagaatcct gtgggaaaaa agagacatct cagaggaaag acaccaccac ctcatcacc 180
aattttggtg aaaaagacaa gaaagagaga aaaaccccg cc 222

<210> 29308
<211> 308
<212> DNA
<213> Homo sapiens

<400> 29308
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aattttactt tgtcctcata aaagcattag aagtattcag ataaaagcta gattggtgat 120
watcgaaagw agartccctg gactatcaac atcagtatca mctagagatg tgtaattatg 180
atcaccaagc taaaaaaaagc tagtatacaa gtaaaatgga acttatnngt ataaaactgt 240
tgagaagtta tttttaaatc aaaattgatt ttgaccattt aacactaact ttaaacacag 300
agattata 308

<210> 29309
<211> 86
<212> DNA

<213> Homo sapiens

<400> 29309

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ttgcaatacc tttatctccc caaaag 86

<210> 29310

<211> 115

<212> DNA

<213> Homo sapiens

<400> 29310

agggatgatg attatgtgct aaagagacag ttttctgcat tggttcctgc ttttaatcct 60
agacctgggc gtactaatgt ccagcagaca actgatctag aaataccacc ccca 115

<210> 29311

<211> 73

<212> DNA

<213> Homo sapiens

<400> 29311

agaaggmaga agaagagggg gaggagaaaag agatagaaga gtaagaggag ggggaagaaa 60
gacaaggggg cgc 73

<210> 29312

<211> 67

<212> DNA

<213> Homo sapiens

<400> 29312

cctagtgtcg taactgtgat agagttgtcg tgagatctgg ctgtttgaaa gtgtgtggcc 60
cctcccc 67

<210> 29313

<211> 366

<212> DNA

<213> Homo sapiens

<400> 29313

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tacaaactaa ccagaatgga aaccatgggg aaaatgtgaa gtgtcaaatt gacagagatg 120
tttcattgat ccrvtcattc tccgaaagtg ttttgtaaag tatatgtgtg tattttatgt 180
aatcaattta ctaatgcaga tacacatcag ggaaaacatg aaagactcaa tattaatgtg 240
tctaattttt aagcataatt tctgccatta tgagtgcac actttttatt aacttgaaat 300
avaatagcca ttgactggaa gaatgaatct aacaggtcat acgttctcta gaaagtcaac 360
tgttat 366

<210> 29314

<211> 149

<212> DNA

<213> Homo sapiens

<400> 29314

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ctgcaatttt ctgattggag attgcatttt gacctagtct gtaagttttt ctgtcagaag 120
aggactttca tcaactttca tggaaagta 149

<210> 29315
<211> 133
<212> DNA
<213> Homo sapiens

<400> 29315
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ctgccacatg aaaaaaactg aaaatggatc acaaaacagt catcttttcc ttctgaagat 120
ttcaccatgc aca 133

<210> 29316
<211> 147
<212> DNA
<213> Homo sapiens

<400> 29316
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gtttcagtga gaattaactt tgatcattca ttcttaaatt ctttttttca ctgatggccc 120
agaataattt gacttgtatg aggacag 147

<210> 29317
<211> 134
<212> DNA
<213> Homo sapiens

<400> 29317
tcgtagtata taataccttt ttgttagcc ttaaagtttt ggttttcctt tttcaggaat 60
acacagtga actaagta atccctacaa ttaagagatt cttgaacct ggcarcaaga 120
agatgcccc cccc 134

<210> 29318
<211> 302
<212> DNA
<213> Homo sapiens

<400> 29318
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tcctccagtg tcaacagtgg gaacgaaagg atccaagcta gtgtccttga aaaaatatat 120
ratargcada awracaaaga agcccatggg caaatggcca tttatcaggg tctttaaaag 180
tcaagatcat tattatttct ttatggagac aaagtataat tatgtaactg cagtaatagt 240
gcacatctgw wrttttttcc tgctcattac atcttcttcc tttctttaca attaggacct 300
ct 302

<210> 29319
<211> 313
<212> DNA
<213> Homo sapiens

<400> 29319
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gagcagtctt ttggaaagta ttatagatag attactgtag aatttataaa ctcatgttaa 120

tacaatgtat	ttaattttca	gaatatgatt	atctgaatgg	tattgtcatg	attattgttc	180
ccattttcag	atgaacactg	acttcaagtc	caatgatata	ttcactatgc	cattttattg	240
acttttcctt	gtaaagcaat	gcacacthat	ttagtaagta	tttggtttct	gtgatgtgtt	300
cagttgcgtg	ctg					313

<210> 29320
 <211> 214
 <212> DNA
 <213> Homo sapiens

<400> 29320						
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gttattttatt	tattatttta	tactaaactc	caaactgaag	tggtctctgag	gtaaatcaga	120
tatgatttta	atttaagttt	ctttatttagc	agatctataa	atggaaggtg	accaatgtca	180
ctgcttctaa	aatactgtcc	taaacaaccc	aggc			214

<210> 29321
 <211> 260
 <212> DNA
 <213> Homo sapiens

<400> 29321						
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tgagccaggg	acggaaaaac	aactatagtt	actaataagg	actgtgcaag	gagtttggac	120
accaggggaag	taacactttt	gccacaaatt	tttttcctag	catatcccag	agaactcatt	180
tgccagagct	cttgaaaatg	agtcttgctg	attgttttgc	tttattttta	tttaatgcta	240
catattaagt	tacggactct					260

<210> 29322
 <211> 180
 <212> DNA
 <213> Homo sapiens

<400> 29322						
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tacttgtctg	atcatccact	ttatccacat	gattgtactc	tggtctttta	ttttataaat	120
tggcagttag	cagagtgtat	cttgacagta	ctatgtgttt	taatttataa	tcagccccaa	180

<210> 29323
 <211> 165
 <212> DNA
 <213> Homo sapiens

<400> 29323						
araatccaca	ctcatgaata	aagcctttta	ggccctgtgt	aacttttcct	atcctacctt	60
cagcttcact	ccaattcctc	tccccgcaac	ttttggtgtt	ctggccaccc	tggccatcta	120
gttccttcac	cacaccaagt	tcttttgctc	ccgcaaggcc	tccat		165

<210> 29324
 <211> 239
 <212> DNA
 <213> Homo sapiens

<400> 29324

atcctghcct	gccggcctgg	catgtcccag	cctggatata	ttagcttcag	caggccttgg	60
actcactgga	ctaggtcttt	tgggacccac	caccttatct	ctgaacactt	caacaacccc	120
aaactcamtc	ttgaatgctc	ttaatagctc	agtcagtcct	ttgcaaagtc	caagttcttg	180
tacacccagc	cccacattat	gggcaccccc	acttgctaata	acttcaagtg	ccamaggtt	239

<210> 29325
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 29325						
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ttttctattc	actttcacct	gatttgatgg	gcataacagc	cctgaaagaa	aactggttct	120
actgcaaaaa	ctctagggac	agggaacaca	ctgccttgag	aggtaatcga	ttgtcccatt	180
agagaacatc	aaaggcagga	aacttctttt	tcaaaattga	gctgatatag	acttctttta	240
taatttccac	acagggtttt	agttttcctc	tccagagcaa	caaaagaaaa	catactcttt	300
tatgtgtaat	gtcaaaaacca	gcaacagccg	tcaagccggc	ccat		344

<210> 29326
 <211> 352
 <212> DNA
 <213> Homo sapiens

<400> 29326						
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gggctgaggt	tcctccgttc	ggcgaaccct	tctctctgcc	cccgcctgct	ctgggctttc	120
ttggctatgt	ctgctcctga	caggagggat	gtgtgttgcc	aggggtgggg	gcttggcgtg	180
tgtrmgtgtg	agaatatgtg	tgtgtgtgtg	tctttatagc	agcatgattt	ataatccttt	240
gtgtatatac	ccagtaatgg	gatggctggg	tcaaatggta	tttctagtgc	tagatccttg	300
aggaatcvmc	acactgtctt	ccacaatggg	tgaactagtt	tacagtccca	cc	352

<210> 29327
 <211> 167
 <212> DNA
 <213> Homo sapiens

<400> 29327						
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ttgagattgg	aattggaaga	gaacttaatt	ttttgtatgt	aaaatgcagt	gtcatgccta	120
taagcatttc	tcctatatag	gactgctttg	ctagtgtgcc	cgcttgc		167

<210> 29328
 <211> 244
 <212> DNA
 <213> Homo sapiens

<400> 29328						
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tttagaaaga	ggccaaataa	cattctaata	actatgtgat	ctagcctggg	attttcaaaa	120
atatactctt	aacttttaaa	gtaatgttta	aaagtataaa	ttggtataaa	tggaaactag	180
tataccagtt	tgacatagtc	atatcttgat	ttttgtatgt	gttataagtt	ctcttcaggg	240
cgca						244

<210> 29329

<211> 187
<212> DNA
<213> Homo sapiens

<400> 29329
aaggacgcgg ctccagtctg gggcttataa cttgtgtcaa agaagcgaat tttcagctga 60
tttgatgtt cagtcaccag aagtcacatt tgtgaacttc ctcatggatg aaacattccc 120
ggagccatct ttcttcttca tctgattttt tttttctttt cttcttcaat tctgccccca 180
gagggt 187

<210> 29330
<211> 190
<212> DNA
<213> Homo sapiens

<400> 29330
catttaaaat atttcttttt tattattatt atactttaag ttctagggtg catgtgtaca 60
acgtgcaggt ttgttacata tgtatacatg cgccatgttg gtgtgctgca tccattaact 120
ggtcatttac attaggtata tctccgaatg ctatccttsc cccctcccc caccacaaa 180
caggccccac 190

<210> 29331
<211> 214
<212> DNA
<213> Homo sapiens

<400> 29331
tatgarccgw wtgaagaatt tttttttaca agactagtgc taaattaaca gcttataaaa 60
ratttgksta aatttaataa ttagtataag gatatgacct aataaatgtc tccttaccta 120
aagattcatt tgcwttcttt daatatgagt aggcatactt agtagctttt ctgaacctag 180
cctatgtctc tgtccccaaa atagctgccc ttaa 214

<210> 29332
<211> 160
<212> DNA
<213> Homo sapiens

<400> 29332
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ttttcctatt aaracgtctt cctttttttt tcttaagaga aaatggaaca tttagggtta 120
atgtctttta attttaccac ttaacaacac tacatgacct 160

<210> 29333
<211> 250
<212> DNA
<213> Homo sapiens

<400> 29333
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gtgtctgcag gagccaaatc caaatgagca gtccaggtag ttcagagttt taacctgagc 120
gaaacaggaa tgtctcgggt cttaacagga ccgtccgccc gctcggaga ggcgaatctc 180
ccacggcaga cgtctgggtg tgcgaatgcc agtdgagcgg ggcctcgagg acgcgtcaca 240
cacagctakg 250

<210> 29334
 <211> 332
 <212> DNA
 <213> Homo sapiens

<400> 29334
 cacacagtgg gcagatagtg gagtgatatg tagtggtatc tggcacctta gtccaatgta 60
 tgccattact gagggacccc actgggggta aatctatccc tcctagccaa gcacttatgt 120
 tattataggg tgggaagggg atgtctgccc aggtgacasg gcgaaagaaa ggcgggtcta 180
 agataagagc cagtagagtg tagcaggtac agtttgacaga caaagcaaga gcataaaaag 240
 gatcaatacc ctatgtgagt tgcaatgtac aacagagagc atagcaaggm mcaaattatc 300
 tgaagtaaat ggtgtctgtg tctggagcat rr 332

<210> 29335
 <211> 249
 <212> DNA
 <213> Homo sapiens

<400> 29335
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 tttgctgaga gttgggacaa tgttgatta ctggtggaac caagcccacc acatactgta 120
 aatacactct tcctgaccaa tgacctgact gaggaagtga tggaggaggt gctgcaaaag 180
 aaggcagacc tcattctctc ctaccatccg cctatcttcc gacccatgaa gcgcataacc 240
 tggaacgta 249

<210> 29336
 <211> 309
 <212> DNA
 <213> Homo sapiens

<400> 29336
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 gattccaggs tcattgaaac ccgaatatgg gtaacttggt ggagataat cttgataaaa 120
 tatcaagtac aaggctgggc acagtggctc gtgcctgtaa tcccagcatt ttgggaggct 180
 gargcakgtg gatcatgagg tcaggagttc aagaccagcg tggccagtat gttgacaccc 240
 catctctact aaaaatacaa aaattggccg ggcattggtg cacgtgcctg tattcccagc 300
 tactcaaga 309

<210> 29337
 <211> 132
 <212> DNA
 <213> Homo sapiens

<400> 29337
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 acccgcgctc tcacacatac actcacactc gactctttcc tctcccccca cctcctctc 120
 cttccacccc ct 132

<210> 29338
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 29338

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tagaatgctt	acgcttaact	tatttgggga	aacaaaactc	cagcccttct	tgtgtatgtt	120
ctgatatccc	tttgctctac	ttttagagga	atgaacccta	ataggatggg	agcagcattc	180
ttgtttcttt	atatctctcc	tctgtgattg	tataccgttt	tttcaactta	aagcaacttc	240
agctggnaat	atgtagaggt	tggccaaggt	gaactaaata	gtctgtaaca	ttgattagat	300
atcaagcaac	t					311

<210> 29339
 <211> 225
 <212> DNA
 <213> Homo sapiens

caaacagaaa	acacataaac	tagcctaagg	gataaacgga	acatgataaa	aatattgaat	60
atatttttaa	attaattatc	agaaggagag	tagaaaaaga	atcaaataga	aatgaaaaga	120
taacgtcaat	acattttcca	aaaccacta	aaggaattaa	accacacatt	caagaagcac	180
taagaatagc	aacattttaa	taaaacacac	acacttcagc	ctgaa		225

<210> 29340
 <211> 83
 <212> DNA
 <213> Homo sapiens

atcctcatag	aggtgccggg	ttcctattgg	ttagttgggt	gtttttccgt	ctgagtgaat	60
ttttgccagt	cttgtgggca	gat				83

<210> 29341
 <211> 311
 <212> DNA
 <213> Homo sapiens

gctattatta	ttttagagata	cgtcccatca	atacctaatt	tgttgagagt	ttttagcatg	60
aggggcagtt	gaattttgcc	aaaggccttt	tctgcatcta	ttgagatgat	catgtgggtt	120
ttgtcttttg	ttctgtttat	atgctggatt	acgtttattg	atttgcgat	gttgaaccag	180
ccttgtatcc	cagggatgaa	gcccacttga	tcatgggtga	taagcttttt	gatgtgctgc	240
tggactccca	cacaataata	atgggagact	ctaacacccc	actgtcaaca	ttggacagat	300
caacgagact	g					311

<210> 29342
 <211> 190
 <212> DNA
 <213> Homo sapiens

cattttaa	atytcttttt	tattattatt	atactttaag	ttctagggtg	catgtgtaca	60
acgtgcaggt	ttgttacata	tgtatacatg	cgccatgttg	gtgtgctgca	tccattaact	120
ggtcattttac	attaggtata	tctccgaatg	ctatccttcc	cccccccccc	cacccacaa	180
caggccccac						190

<210> 29343
 <211> 155
 <212> DNA

<213> Homo sapiens

<400> 29343

tattgacagt	gtgtgggaag	gtggagttat	ttgagtagat	ttggcmtctg	ttctcatgga	60
gcttcctttc	tagaggggaa	ggcagatgat	ggatgaataa	atataaatga	ttctaatagg	120
ttggtgcagc	agtcattaaa	agtaatggca	aaaaa			155

<210> 29344

<211> 148

<212> DNA

<213> Homo sapiens

<400> 29344

cgggaagcac	aargggtcag	ggaattccct	ttcctagtca	aagaaasggg	tgacagatgg	60
catctggaaa	atcgggtcac	tcccacccta	atactgcgct	tttccaacag	tcttagcraa	120
tagcacacca	ggagattata	tcaccgcc				148

<210> 29345

<211> 323

<212> DNA

<213> Homo sapiens

<400> 29345

ctcatttaga	tgattttattt	tcttttagat	acgcgttcat	ccaatttctt	ccttggtgcc	60
actgctccca	tctgaggtga	cacgtacaaa	atggaatggg	gggatgagc	aaggagcaag	120
agaagggtc	ctggatccat	gtgctcattt	ccttgtagta	tcccttggct	ctatgtgatg	180
atgcagctca	ggcattgtcc	gctgttttct	cataaggacc	tgtggctact	taggtgtagt	240
ctatgggtcc	ttgaatgcgc	tcactgagat	gcarctggcc	ccatctggcc	ctaagggagc	300
attatgctgg	cctccccctc	tac				323

<210> 29346

<211> 196

<212> DNA

<213> Homo sapiens

<400> 29346

taagggtgcca	cmattaccaa	tggaagggtg	gcacattaag	atgagcttca	cagtcacact	60
gacattttcc	tcaagggtcat	ttttcasatc	atggcggttg	gggaatagta	tctgagcasm	120
agacaatagt	atcattgact	taagaagaca	gaggttgtaa	cttggggctg	tcaaagttgc	180
taggacatga	aggcct					196

<210> 29347

<211> 102

<212> DNA

<213> Homo sapiens

<400> 29347

cgtgaaatta	acataacgta	gccatttagt	gcattcaaaa	tgttttgcaa	ctgccatcct	60
taactagtgc	caaaacattt	tcagcaccct	aaagacaacc	gc		102

<210> 29348

<211> 317

<212> DNA

<213> Homo sapiens

<400> 29348
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 gctatgggtt ttcatttgta actccatctg cttaggagag tgggctctct ataagggaaac 120
 ctgctgtaaa cttcattgca gcaassatgt agagagawat aggacttaat tccactaggg 180
 gctctcatct cacaccttaa ggaggagatt ttagaaaaac tgggccagat tttctttgtt 240
 ctccatcatt ttaatgtggc aggctgttca gttttcttac tcttacctat gtgatatttc 300
 ttcgtaacgt gtccaaa 317

<210> 29349
 <211> 319
 <212> DNA
 <213> Homo sapiens

<400> 29349
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 cttgaggtga ctaatccaca ggcccagaac agtaagcctt cttgccctgt cactgtaagc 120
 accagccagc ccctccagcc agccgctgca gctggcctct gtggtctgct cagatgcaag 180
 gaaaccaggc cagaccatgg tcacttgtaa aatccaytg gtccctggaa agattcccct 240
 acggctgtcc ctaccatacc cccagcctta gagacagaca gaaggaggc ggtggccaag 300
 ctgcttgat gagggagcg 319

<210> 29350
 <211> 204
 <212> DNA
 <213> Homo sapiens

<400> 29350
 cactacagt gamrwgattc catgtgattt ctgaggctag atcataaaag gtgatgaggc 60
 ctctgcctaa ctaggggaaa tgctttctct tgagatgctc actcttgacc agcctataga 120
 gagatccaca gggaskgaac tgaggcccca gccacagcc ttggttgagc tccagcctgc 180
 agtcatcccc aacttgccag cctt 204

<210> 29351
 <211> 230
 <212> DNA
 <213> Homo sapiens

<400> 29351
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 agaaccgagt ttaacaccag gatgtgtttc cttagatttc ctttcctagg cgatttccag 120
 ggagagscct tgattgmcac atcacatcac agatcacact gcagtttcca tgtagcact 180
 gtggatgggt ttttaatcaa taaaaactgg gggtttcttc tcaccgacaa 240

<210> 29352
 <211> 240
 <212> DNA
 <213> Homo sapiens

<400> 29352
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 agccattttt tgtctgaatt tcctccatgt ctacgtgctg cctggcaggg cctatgggag 120
 agttcatctc aaaagaggtc aacagcaaat gctacagatc tgtgtgggaa atgtggctca 180
 tcaacattgc taaagctata accctcattc ttagcctgg ctttcccccac ttcccactcc 240

<210> 29353
 <211> 201
 <212> DNA
 <213> Homo sapiens

<400> 29353
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 taaatgtaat gggactaact cttgatgaaa tttctatatatt caacttgaat ggtaaaatat 120
 ttgattycta aagtatactg tgaaaagtta tatatgtaat atggtaatcc ctagaccact 180
 taccaaccag attgaaataa a 201

<210> 29354
 <211> 129
 <212> DNA
 <213> Homo sapiens

<400> 29354
 acaccactgc acccgcaaaa tttttgtatt tttttagag acagcatctc acgatgttgc 60
 ccatgctggg ctcaaactcc tggcctcaag tgctgagatt acaggtgtga gccacctcac 120
 ctggcctaa 129

<210> 29355
 <211> 119
 <212> DNA
 <213> Homo sapiens

<400> 29355
 attaattywg agaggrgggt cggggwgagg tctggagtggt tgggtttgac atggggggccg 60
 gctcgccaag gtggasgtgg ggaagggggc gtgtctgggt ccctaccccg aagacctca 119

<210> 29356
 <211> 363
 <212> DNA
 <213> Homo sapiens

<400> 29356
 aacaaccaca gtgaaacat ttctactttg agagaatttc agtattctct taatgtttgtg 60
 taattgatta ggtaactaaa aagcgcaaat tgttggcagg ttttgctgca mattgtwcta 120
 tgtctttgtt ggctggtgta tttyrtaaac taaagctgcc tatgtttctt tttaaagctc 180
 gcattcccag aatcagctta ggcttctatg aattcagcct gtttctaaaa gctgaaaatc 240
 tcagttttaa aatcaaaatg ttaacacaaa gctaagattc atcagagccc accctattct 300
 aaggaaccac aataacttac tctggctnnn gtgttaamnc gatctttcag atttagagcg 360
 act 363

<210> 29357
 <211> 135
 <212> DNA
 <213> Homo sapiens

<400> 29357
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 ccctgggtag gacactgcc cctctgggct caggctctca tgccctcaaa tggcatctag 120
 agtttgagca ttyn 135

<210> 29358
 <211> 170
 <212> DNA
 <213> Homo sapiens

<400> 29358
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 tttctcatgc tttccttctt ctctacatac tactaaaaaa ccattagttg ttattctgct 120
 acatataaat ttctcaattt taatgtaaat ataacctttg atgccagccc 170

<210> 29359
 <211> 75
 <212> DNA
 <213> Homo sapiens

<400> 29359
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 gcctacaccc caaac 75

<210> 29360
 <211> 195
 <212> DNA
 <213> Homo sapiens

<400> 29360
 agtagagatg gggttkcagc atgttgggtca ggctgggtcac tcgtgacctc gtgatttgcc 60
 tgcctcagcc ttccaaagtg ctgggattac aggcgtgagc accatgtccg gcctggccct 120
 actttttaat waactgactc tgaatgtcaa ttccagtagc gackgtacag ctatttgcta 180
 tgttttccag gggca 195

<210> 29361
 <211> 410
 <212> DNA
 <213> Homo sapiens

<400> 29361
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 ggaagtggcc aagacacctg aggatccaag aatgtttcca aacaaagagc cctagggcat 120
 ttctctcagg gtattctgaa gacttcatct gctgcattag agcgggtggga agaaactaca 180
 cagacggggc tcatggccsa gggacctgcc tgatcvtggc tgatctttta atgctctggt 240
 gcagctgggg agctgcctct tgcttctggg aacctcagc gttgggtdng gtattagatg 300
 ttagttatga ttgatgtcca cagcttcttt aaagaagtct gggagtagtt aggtgttctc 360
 agtcacctcc aatctgggct gtactgaggt ctgtggccct ccaaagtctt 410

<210> 29362
 <211> 109
 <212> DNA
 <213> Homo sapiens

<400> 29362
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 cattaagttc ctattatgca gcaattatat aataaaaaagt actgccct 109

<210> 29363
<211> 184
<212> DNA
<213> Homo sapiens

<400> 29363
ggttagccgg gagtggtgtgt gtgcaccttt agttccagct acttgggagg ctggggcatg 60
agaattgctt gaacctagga ggtagagggt gcagtgaacc aaaattgtgc cactgtactg 120
cagcctgggt ggcagagtga gtctccatct caaacaaca aaaaataaca aaaaaagacc 180
tcat 184

<210> 29364
<211> 113
<212> DNA
<213> Homo sapiens

<400> 29364
tcactttttt tccccactca ttggtcagaa gtagtcatat ggccccatt caaatacaga 60
gtcaggcatt ccaatcctga gaagttatcg agtgcccaga agaaagagag cct 113

<210> 29365
<211> 68
<212> DNA
<213> Homo sapiens

<400> 29365
tgtaaaatct ggaaagttag cttgttctaa taggggctat gctctgcaat tccctttttt 60
tttttttt 68

<210> 29366
<211> 110
<212> DNA
<213> Homo sapiens

<400> 29366
taaattgtta tagtagctta tggaaaatgc tattaagat aaattttcat acattgtatt 60
tttagtcaag taaaatatgg atgaaaatta ataaagtact gtcaaggtac 110

<210> 29367
<211> 326
<212> DNA
<213> Homo sapiens

<400> 29367
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tgggctataa tctaagcgct ctaagcatgt ttaaggtagg ctgtgctaag ctataatatt 120
ttgtaagtya tgtgtattaa attcactttc aacttaggggt attttaaatt tgtttattgg 180
gtttattggg atgtaaccct atcatagggt aaggagcatc tgtaattcag tgagaggcaa 240
aagatgatag agtgggtaat ctacgaattt gtttggtcac atctattttg cttcttcttc 300
aaacattctg ttcattgtag gcacac 326

<210> 29368
<211> 175
<212> DNA

<213> Homo sapiens

<400> 29368

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tcgagttgca	ccctgcctcc	cagatccgtg	aatcctatit	gaaancatct	tgccctgaga	120
cacaatgaac	aaacgcccgt	atacaaggag	gctgtgggct	cgggggcccg	ggcag	175

<210> 29369

<211> 205

<212> DNA

<213> Homo sapiens

<400> 29369

ctgctgcagg	ttttgaccat	agtgattggt	tgctgaaatg	ggaccctggt	acaggcttca	60
ttcctaagt	gactgactag	ggtgtacagt	cagcagtgac	actacctggg	gaggctgatg	120
ctttctcagt	gctggacttt	gctcaggccc	attagcaatc	cacaggcagc	cttgtgcatc	180
tgctctcctt	gttaacaccg	acacc				205

<210> 29370

<211> 123

<212> DNA

<213> Homo sapiens

<400> 29370

tatgaaagat	tgataaatga	tactaatgca	accaaggcag	atgttgaaaa	ggccaaacag	60
cagttgaatc	tgcgtagcga	tatggccgat	gaaaataaaa	atgaatatgc	tgacacaatta	120
caa						123

<210> 29371

<211> 207

<212> DNA

<213> Homo sapiens

<400> 29371

atgctttctc	ttgaattttg	aaattgctga	ttgctggcat	ataatagcta	atattttgta	60
tgatacgctg	ctgccaaagct	tggttccaga	ttccacatgc	taaatgctac	attcaggtag	120
aaactwagma	caragaggta	atgataacta	gtacatgggt	tgaggattcat	tctggccccc	180
gtgtccacat	ttaactcact	accgttc				207

<210> 29372

<211> 203

<212> DNA

<213> Homo sapiens

<400> 29372

tctctacaaa	aatacaaaaa	tgagctatgc	atgggtggtgc	actcctgtag	tcttagctac	60
tcgggaggct	gaggtgggag	aatcgcttga	gctagggagg	agatcgagat	gagcggagat	120
tgcgctgctg	cactccagcc	tgggcaacag	agagagaccc	tgtctcaaaa	gavaaaaagm	180
aaatctcagt	tgtwaaggca	gca				203

<210> 29373

<211> 207

<212> DNA

<213> Homo sapiens

<400> 29373
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 agtctgtaac ttagcttgtc ttttttattt tttacttttg agacagagtc tcgctctgtt 120
 gcccaggctg gragtamcaa gtggcgtgat ctgggctcac tgcaacttcc acctcccagg 180
 ttcaagggat tctcctgccc caacctc 207

<210> 29374
 <211> 127
 <212> DNA
 <213> Homo sapiens

<400> 29374
 ctgtgaaaag aaaattctat agtgaattgt gaaaagtggg catatttcta aattcattcc 60
 actgccttta tccaaactta agaattacag acatttggtt ttccttcggc aagacatccc 120
 cggctgc 127

<210> 29375
 <211> 253
 <212> DNA
 <213> Homo sapiens

<400> 29375
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 gtatacttct tttctgattc aaagataaat taagttatga ttatatgtat attgagttct 120
 twgggwtttt tttggaattt twaatgraat gtgaaasrtg ccattacaat agatttcaaa 180
 agcttagtcc tataacacag naaaatattt accttttttt cactatggag gtgagggtat 240
 ttctgagatg cca 253

<210> 29376
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 29376
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 gaacatcgtc tgcgtgggga ggaactacgc ggaccacgtc agggagatgc gcasscgggtg 120
 ttgagcgagg ccgtggctgt tctgaagcc gtccacggcc kacgcgcccg agggctcgcc 180
 catcctcatg cccgcgtaca ctgcgaacct gcaccacgag ctggagctgg gcgtggtgat 240
 gggcaagcgc tgccgcgcag tccccnrnag ctgcggccat ggactacgtg ggcggctatg 300
 cctgtgcctg gatatgaccg cccgggacgt gcaggacgag tgcaagaaga rtggggctgc 360
 cctggactct ggcgaagagc ttcac 385

<210> 29377
 <211> 193
 <212> DNA
 <213> Homo sapiens

<400> 29377
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 aatcattttg gtactgcaa cagctttagt tttatttacc aaagctactt tgggtaacct 120
 gctaaaagaa ctmaacagga ctcaagaagca gttgtactta atagttattg tttattgtag 180
 caaaaggsnc cat 193

<210> 29378
<211> 116
<212> DNA
<213> Homo sapiens

<400> 29378
aaagctgtgc agaaattctg acctgaaacg cttcgmatcs ggtctctgct tgttgaagga 60
ccttcaccgy tatttctgak aagagcaaaa gtgatgcaga tctgttcttc ctcttc 116

<210> 29379
<211> 159
<212> DNA
<213> Homo sapiens

<400> 29379
ttttgtagtt ttgcatttag agtctcaatg aagtgcctca aaagtggtag aagatactac 60
agggactaag aaaactttta taaacactgt gatgctttaa caaaaactca gtcattgtacc 120
tgtaaatatc agaaccagct aaggggagct agcagcgcc 159

<210> 29380
<211> 160
<212> DNA
<213> Homo sapiens

<400> 29380
cagcactttg aaattaagca tttgctaatt ttaagaaatt gtatgtaaaa cagaatgggt 60
cttggtgttc agtctcagtc ttatgtgaga cttctgagaa tacttacctg gaattttaaa 120
acttgaacc tctgatgact tcataaaaga aaagccctga 160

<210> 29381
<211> 378
<212> DNA
<213> Homo sapiens

<400> 29381
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tgtgcaaatt tagatcaaac atcttttaatg cttggctcgt ggaattttgc agtgtctatg 120
tactttgttc tattttgtgt gtttgtgtat ggatgtgtat ttttaattgtw ataaawgacc 180
atatccratw agagcaatgt amagaaaatc tgtaagccaw agtrragaaa aatcaraatg 240
tctcataatc ttatccctta aaggggtgtca ttatttacct tctggaatat ggtctttaag 300
acatttctct ctrgaatatt taadndnata tattcaatat aatgtgatat gcttatcttt 360
gggcactctc caaatata 378

<210> 29382
<211> 138
<212> DNA
<213> Homo sapiens

<400> 29382
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tattcagggtt ccgcatctaa aaattaagat atagtgtatc ctaccttact gaaatatggg 120
gatatgggtga agcaccctc 138

<210> 29383

<211> 291
 <212> DNA
 <213> Homo sapiens

<400> 29383
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 gctatttctg catgacacct tgaaatattg aataagaggg cttgtttaaa tttagtgrra 120
 ataaataatt gaagtggatt trtgaaaaga gtttataccta atctattctt taadsctgta 180
 tttttggwat attcattcct taaatgtgat agctcattaa atttccttag atcaccaggg 240
 tataagtaaa aatcsagtaa atccctattc tactagaaas cagtagtaac a 291

<210> 29384
 <211> 55
 <212> DNA
 <213> Homo sapiens

<400> 29384
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<210> 29385
 <211> 99
 <212> DNA
 <213> Homo sapiens

<400> 29385
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 tcctttgtgt gcccaatttt gttctagtca ctggggccc 99

<210> 29386
 <211> 272
 <212> DNA
 <213> Homo sapiens

<400> 29386
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 ataaagacat ttacaaaagt gtgtgcagga tgttgaaaa accataggag atagtagagt 120
 ggcctgaaar ggagggaaga gtgagtagtt actggaaatt gttaaggaaa gtccggtgga 180
 aagggtgacc ttrgagtgat tcaaccaatg aaatacggcc atgcagagag tgacccaagg 240
 ggatgaatat cccagcctca ttctccttat ct 272

<210> 29387
 <211> 89
 <212> DNA
 <213> Homo sapiens

<400> 29387
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 ttttttcttc tccccgctc cctgctcag 89

<210> 29388
 <211> 221
 <212> DNA
 <213> Homo sapiens

<400> 29388
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 tccaatacga ttttctgttg caccttgtag tggattctgc atatcatctt tcccamctra 180
 aaaatgtctg aatgcttaca caaataaatt ttataacacg c 221

<210> 29389
 <211> 118
 <212> DNA
 <213> Homo sapiens

<400> 29389
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 atgttgtagt tgtttgtatt ctgtgttttt ctttctcttt cttttttttt tttttttt 118

<210> 29390
 <211> 72
 <212> DNA
 <213> Homo sapiens

<400> 29390
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 tgcagtgggtg ca 72

<210> 29391
 <211> 206
 <212> DNA
 <213> Homo sapiens

<400> 29391
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 ttttaaatga aaatgtaaag ataaccatca gagtatctca tcttttctca agcaaaaatg 120
 atttggrtct agatatactt ttgtacgwg c ttctctggaa aagtacagaa tactggattt 180
 aacagagtaa aacctaaggg ggtcac 206

<210> 29392
 <211> 71
 <212> DNA
 <213> Homo sapiens

<400> 29392
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 cagagagcca t 71

<210> 29393
 <211> 79
 <212> DNA
 <213> Homo sapiens

<400> 29393
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 agcttaaata ccctcttct 79

<210> 29394

<211> 146
<212> DNA
<213> Homo sapiens

<400> 29394
aaaacaggtg gaatccgggc tggagccgga gctccggcgg cgcggtggc ggcacgtccc 60
tccagacagt accacaggca cctggagtac cggcacgggt cgctgtggcc cccgagtgtc 120
cgtcasagcc taggggagcc tgcctt 146

<210> 29395
<211> 82
<212> DNA
<213> Homo sapiens

<400> 29395
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ggtaggttgg cttttctttt tc 82

<210> 29396
<211> 109
<212> DNA
<213> Homo sapiens

<400> 29396
ctgatgtcca gcttaataga aggcaattat catatctatt aacacttgcc tttgtaattct 60
gctgtgatga ggtgtttcag ttgaaatata tgaagaaaat ccagccgca 109

<210> 29397
<211> 395
<212> DNA
<213> Homo sapiens

<400> 29397
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ctgacctcag gtgatccacc caccttgccc tcccaaagt ccaggattac aggcgtgagc 180
sactgtgcct ggcctggcct aatatttaac agaaggatca tattccaaat aattcaaaaa 240
gtacacccat cagctaaagg aattntactt gttataggca gtctcttatt cctagcagaa 300
aacatacgaa aatatttctt gcaagtaatg tgggtgcaca aagccttcag aaacaatttg 360
aaggaaagat tgacagtaac aagaatttca cttaa 395

<210> 29398
<211> 114
<212> DNA
<213> Homo sapiens

<400> 29398
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<210> 29399
<211> 241
<212> DNA
<213> Homo sapiens

<400> 29399
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atgtggaggc accttcgcca gcaggggggtg ggaccttgag aggctgtgcc agcaccagc 120
agaacaggag gtactcacc tggctttcac agggcccaag cccagtggtc ttccaggatc 180
ctcaccagcc ccaaaggaac ggctctctct tctccctcct ggagatatgc cccctgatcc 240
c 241

<210> 29400
<211> 116
<212> DNA
<213> Homo sapiens

<400> 29400
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tcatgttggtc tgggttaaact ctgaggcttg ttttctactg tgaatttccc gcaacc 116

<210> 29401
<211> 162
<212> DNA
<213> Homo sapiens

<400> 29401
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cggttaagaat cagtaataat aataagtaat gtgtgaatcc attagaatgt tgagaagtag 120
acctttgaca tttcagaaaa atgtatatct cagacacagc ca 162

<210> 29402
<211> 98
<212> DNA
<213> Homo sapiens

<400> 29402
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ttgaagccca caccatagac tgtgcctgac aagccctc 98

<210> 29403
<211> 122
<212> DNA
<213> Homo sapiens

<400> 29403
taagtcaaca tttgtgatg ggccatttag ctgatgggcc attacaaagt gtaagggtta 60
ggggaggaga tcaaggaaaa cccccaatt ttgacctgac caagcaactg gaaggatggc 120
gt 122

<210> 29404
<211> 80
<212> DNA
<213> Homo sapiens

<400> 29404
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acaatgaaaa ggccacaaga 80

<210> 29405
 <211> 214
 <212> DNA
 <213> Homo sapiens

<400> 29405
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 ctgaggcaat ttaagaccat gcaaatacct tggctctcat caaacttcct ccctagggtt 120
 agcatgtatt aatgattcct gcctaaacna gctgtwactc tgacgattgc agaaagacga 180
 tttccctcat ctctagctct agctttccta accc 214

<210> 29406
 <211> 225
 <212> DNA
 <213> Homo sapiens

<400> 29406
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 gtttgaaggc tccacatcat ttgttcggag atcacagtgg atgctcgagc agcttcgcca 120
 ggtaaatggg atcgatccta atggggattc ggcagagttt gatttggtgt ttgaaaatgc 180
 ttttgaccag tgggtagcca gcacagcgtc agaaaaatgc ccccc 225

<210> 29407
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 29407
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 ccgctgcccc cgctccctga agatggggga acaatgaaat aagcgagaag atccctcttc 120
 tccccctct ctctcttgcc ccc 143

<210> 29408
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 29408
 aaaaacataa ataggaccat actatacttg cttgcgtttt ttgccgaaca gtggcacagt 60
 aaacatcctt gtgcaaaaat ggcaaatggt tgtagataag taatattaac tgvmtatatt 120
 tatcatgtgc tgggtcttgt gcgaasccat cacgtgtgga accttttcta taatcctcat 180
 agtgacctgt tgagaagatg tttctatatt ttaaattgagg aadsagcata gagcttgaaa 240
 gtggtaaaat gggaatttga acggaggacg 270

<210> 29409
 <211> 294
 <212> DNA
 <213> Homo sapiens

<400> 29409
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 aaaaatatct ttcttacaga ctaatatgt ctgtggacct ttctacattt gtttgtttgt 120
 ttttgaaaca gttttgtcac ccaggctgga gtgcagtggc gcgatatcag ctactgcag 180

atcatccagg caggcttgat tgctacatth cactactctt tccatctctg ccccccacctc 60
tccagcattt tagaaacctg ttggggtaaa actgaggtgt gtggcttcct 110

<210> 29416
<211> 315
<212> DNA
<213> Homo sapiens

<400> 29416
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gtaagtgtaa ggaaataggc attctcatat tttctggtag agtgataaaa ttgatacagc 120
cgcttgggga tagttgcagt tctcatcagt tctaagtgtt ttgtaaatta aaaagataca 180
aattctgttg catatcagtw ccatttcttg ttatctactg cataaaaaatg cttgtatatg 240
catacaagaa tgaggcatgt gcgaggatgt tcatggcagc attatttata atagtgcata 300
ataaaacaac ccaaa 315

<210> 29417
<211> 270
<212> DNA
<213> Homo sapiens

<400> 29417
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gctatgttgg gtccagtcgg tcctagccag cttgtccac atcctgtttt tcagggtctt 120
ttatcagccc ctagectatg ctgctaattc aacagtttcc tttttgctag ttttggtgaaa 180
ctgcttctat tctnctgcaa ccacctgta ttattcctgt ctactactg acacaccagt 240
gtggtttttg tgacttgtct gaagcctcac 270

<210> 29418
<211> 259
<212> DNA
<213> Homo sapiens

<400> 29418
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ttattcaact gattgtccaa aaggthttcc aaatcttata aactgtaagt cattgagcct 120
taaaattaga ataaagctta gagawccatc tacctcttct taccaggaaa aaaatcaaga 180
cctaaaggaa gttgagagta akatacgcaa ctaaattaag tgcaaaaactg aaactagaat 240
ctaggtcttc catacattc 259

<210> 29419
<211> 182
<212> DNA
<213> Homo sapiens

<400> 29419
catcttaaaa aaagrkaact agtactaatc attgtagtgg cctaagtgtg atttaactct 60
tgaagtcaca cctccgaaa gatgagtaga aaccagcacc agcacagccc agatcttctc 120
tttcctctcc ttttcctcat ttattcctaa aggaatctga ccattttacg tctctacggc 180
cc 182

<210> 29420
<211> 126
<212> DNA

<213> Homo sapiens

<400> 29420

agctgagact tgagcccagg tctttcagat ttcaaaccag gtggtcacat gagaagtcca	60
aaaaattttg gctatttttc cagaaaaagg aaaggaaaca atttggttatt cttaccaggw	120
agtgca	126

<210> 29421

<211> 258

<212> DNA

<213> Homo sapiens

<400> 29421

caatgcacat tgtcagtaca accacccttt aaggtagggtg ctattatggt cacaatcttac	60
aggtgagaga agtgaggcag agagcagttc tgtaacttgc ctgggggttat acagcaagtc	120
agaggcaaag ccagggcctg gatgcaggca ggctgccata gaggccaggc tcgggcaatt	180
ccccttcttt ctctctctgh tcagcccctt gggacctctc ttggcagcct gtgacccagc	240
cgtagccctg cccctgaa	258

<210> 29422

<211> 348

<212> DNA

<213> Homo sapiens

<400> 29422

cagagttaca agtcacaaat attaggattt tagaaccgaa acaaaattta cagatcccct	60
agtaaaaaaa ttttttaaat ttttattttc ataggttttt tgggggaaca ggtggtgtt	120
ggttacaatg agtaaatctt tttgtttttg agacagggtt ttgctctgtc gctcaggctg	180
gagtgcaatg gtgtgctctc ggcttactgc aacctctgcc tcccgggttc aagcgattct	240
cgtgcctcgg cctcccaagt gacttgggat tammggcggg cwtdnwtcat amccggctga	300
ttttwrtatt tctggtggag amgggggttc amcaatgttg tccaggtt	348

<210> 29423

<211> 243

<212> DNA

<213> Homo sapiens

<400> 29423

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gtagaaccat aaaagaaaca aatgtctagc tgctgtgtaa aggaatgcta attcagcaga	120
gcagacctag cagaagtgat tagcataaaa gaaccagagg actgagatta ggaaaaccag	180
gagaggggag tgtaactgt ctcagggtgct acacatcagt cctttgagat gcggaccaag	240
agc	243

<210> 29424

<211> 224

<212> DNA

<213> Homo sapiens

<400> 29424

acttcttttt ttaagccttt gtgattatgt caaacttttg ttaatatataat tgatgatggt	60
ttgaggcagt agtttggggg aacaggatct cagggtattag atctggattc aaacttcart	120
ggtgacctg gacaaattaa cctctctgaa ccttagattt ttcattctatg aaatgggagt	180
actaatacta cctcttaggd tcattgtgaa gatagtacat ggac	224

<210> 29425

<211> 166

<212> DNA

<213> Homo sapiens

<400> 29425

caggagtaac aggaactctc attcattgct agtgagaatg taaaatgtta cagccacttt	60
ggtggcagtt tcttataaaa ctaaacaatga tcataccatg caaatcagca gttatgctct	120
taggtattta cccaactaat ttgaaaactt ctgttcacac aagcca	166

<210> 29426

<211> 367

<212> DNA

<213> Homo sapiens

<400> 29426

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ttacctgctt caactttcac ttagaggagc atgcaagggtg actttatttt aggcaaatca	120
ttaaataagg aataactaagt ccaaggcatt tatTTtgctt gaaggaggct tcatagggtt	180
ctttaaacca gtatgatagt ttggattgac caatgtatat aataggcccc ttctggaaat	240
aatctaggtc actgcacynT aagccaaggg tactaaggaa agaagtgtgg ttgaaaaaaa	300
gaaaatccac aataaacata aataactaagg tcatgtcaat tgctgtctct tcaggcacat	360
aatgtaa	367

<210> 29427

<211> 179

<212> DNA

<213> Homo sapiens

<400> 29427

aacttcaagg tgctgcaagc agctttcaag aagatgggtg ttgacaaagt aggtgcctgc	60
gctctgrrgg rrgccctgag gagcagtgtg accctgggga agaagaggac ccaccagccc	120
aggcaactgg ggctgctggg gtcattccgg tgctcgtgcc tccctccacc tcccgacag	179

<210> 29428

<211> 133

<212> DNA

<213> Homo sapiens

<400> 29428

gttggcggag aggcgaagtg ccgcagagaa gcatggagat cacagagcaa acctaaacca	60
agcgcccatc tctctgtgag aactgagcag acagcagagg ttaaaaaaca ctgtcctggc	120
ccggaagaca cga	133

<210> 29429

<211> 68

<212> DNA

<213> Homo sapiens

<400> 29429

gcaatcggtc ccagtgcgcc tgcggaggcg gtcctatgac gtgaataacc ctataccttc	60
caatttga	68

<210> 29430
 <211> 286
 <212> DNA
 <213> Homo sapiens

<400> 29430
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 cagcagcagc tctcagccct ttacccttgc ttgtgctgtt ttagtcatac catagaactt 120
 cattctgttc atcaaaagaa gctatttccc ctaactttctc agacttttat atgatttcct 180
 ttccataaag tattcatcct tattttttat ccagctaaaa tctatgtaac tactagggtta 240
 ccttaaagtc tacattttct caggaaaatg ttttttgaca cccagc 286

<210> 29431
 <211> 309
 <212> DNA
 <213> Homo sapiens

<400> 29431
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 ctggactcgc gaasagctgc aacaaaggca tcaactactg tataagtatt tccattttctt 120
 gagagcaaaa ggmagaactt aagcggggcg cacttggagt gtaaattgct ttgtagtatt 180
 taaaggcaga aatggatcct gggcagccga gctgcaacaa accggcaagg acttcctgtg 240
 aaatcatgac caccatgtgc tctttcarcc tctatcagtt cctacctcta agcacctgag 300
 agccaaagc 309

<210> 29432
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 29432
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 tccaatatat gagatggatg taatagaagc atttgagcag aaagtggaat cagaaacaca 120
 tgttacagat atggatbwtg aagatgacca acaattttgc aaaacaagat tggacactac 180
 taaagcaact gctctctgaa caggattcaa acttagatgt tacaaattcc gttcctgaag 240
 acttaagttt agcacagtat ctaatcaatc agacactact tttagcacga gatagctcaa 300
 aacctcaggg 310

<210> 29433
 <211> 80
 <212> DNA
 <213> Homo sapiens

<400> 29433
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 aacagcaagt ccaccagcgg 80

<210> 29434
 <211> 279
 <212> DNA
 <213> Homo sapiens

<400> 29434
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tttgacatg	tatcgaggca	gatgtaggcc	agaggctctt	cttttatcca	tcctatggcc	180
aacctatgaa	tgtatacacg	tttaatgaga	ttttgccagc	aatcaaagcc	tnsagggaaa	240
atgtccctag	ctctttacta	catcagatca	aggactcca			279

<210> 29435

<211> 203

<212> DNA

<213> Homo sapiens

<400> 29435

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gtgcaccaca	tggatgtaa	gtagaaattc	aagaaagtaa	gatgtcttca	gcaactcagt	120
aaaaccttac	gccacctttt	ggtttgtaaa	aggtttkkta	tacatttcaa	acaggttgca	180
caaaagttaa	aataatgggg	tcg				203

<210> 29436

<211> 109

<212> DNA

<213> Homo sapiens

<400> 29436

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ggcaatgcct	taccctgctt	cggctcgct	acggtgcgca	caccacat		109

<210> 29437

<211> 224

<212> DNA

<213> Homo sapiens

<400> 29437

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tttttctgga	tgtctcaatc	tagagatttt	atagcatttt	gcaaattggw	atgcttcact	120
actatccama	gkgttctccc	cttttagtaat	tcatattgaa	tatatccata	ttcatatgca	180
ttttataaaa	cagttaacag	aatctaaata	agatatagcc	gagc		224

<210> 29438

<211> 123

<212> DNA

<213> Homo sapiens

<400> 29438

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tctctgttag	tttccttata	tgtgtaacat	aaaataacag	tagtgtgtat	tattgaggat	120
ttt						123

<210> 29439

<211> 139

<212> DNA

<213> Homo sapiens

<400> 29439

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ctcaaaagga	aggcagaaaa	agtctcatat	ggcaaataact	ggatgacatt	ttggggctat	120

tgaaaatatg ggtggcggc

139

<210> 29440

<211> 405

<212> DNA

<213> Homo sapiens

<400> 29440

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cccagcagtg	ggggaggaag	taagtgtttc	cacagtaact	gatgttaagc	tccaggtggt	120
actcattatg	acttcaggga	ggaggagggg	gagggaaaat	aatgtaaata	cttattatgt	180
ataatcatat	agtatcttta	tgccactttt	agcacatgct	cattaatatg	ctagtacatt	240
tagaggcaca	tctgcctaga	ctggccttaga	atataaaattc	tgggatccct	cttttgcttg	300
gagctgacat	cagtgtgtaa	gagcccaagg	gtggcattct	ttcattcaac	atatatttac	360
tgagtacttt	ctatgtgcta	gggcttgggg	ataaagcagc	aaacc		405

<210> 29441

<211> 236

<212> DNA

<213> Homo sapiens

<400> 29441

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actgagctac	cgaagtgtgc	ccagcactgt	gcacacgctg	atccctccat	ggagcatggt	120
tggraaatte	ccagagcagc	ccctttctct	gaacacaagt	gtgacacaac	tcgctggctg	180
ttagcccccg	caagccaaac	gtgacgaagg	caccttcaag	actctaacia	gagcac	236

<210> 29442

<211> 112

<212> DNA

<213> Homo sapiens

<400> 29442

ccagtgcattg	aagtgtgaaa	atattttaaa	atgacatttt	tactaatatg	agcaagtcatt	60
gtaaacattg	aagaacttgg	taacatatta	gtaaatggat	attaccaaatt	tc	112

<210> 29443

<211> 122

<212> DNA

<213> Homo sapiens

<400> 29443

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gtatttgagg	gtaccaagct	gaataatatt	ttattagtgg	caaacactaa	acagtaacag	120
gc						122

<210> 29444

<211> 123

<212> DNA

<213> Homo sapiens

<400> 29444

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gcgcctgcag	tgtggtgaac	tccaactttt	aggccaagtt	gaaaatgcag	ccgacgaccc	120

ccc

123

<210> 29445
<211> 296
<212> DNA
<213> Homo sapiens

<400> 29445
ctcccagatt tagaatgtgc caaaaatgat gccatgggga atattaaaaa atgaaaaaaa 60
gaagattaat gtggtcctta tttccagtct gatataatgg ctacaagatg tggatatatt 120
atawgaaatg ttttagaaat acataatcaa ctttcattta aaagagaagc ttccaaatcc 180
agtgagggaa gcttcgcggt tgtgtgtagg gattagcagt ttgggggttct gaggccctgg 240
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<210> 29446
<211> 120
<212> DNA
<213> Homo sapiens

<400> 29446
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ccagcagtc acgccacacc gtcggcgacg gatttcgttt ctattccccg cacggcccca 120

<210> 29447
<211> 193
<212> DNA
<213> Homo sapiens

<400> 29447
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ctcgtctctc cagcctctgg ggcgcattcc aaccttcag cctgcgacct gcggagaaaa 120
aaaattactt attttcttgc cccatacata ccttgaggcg agcaaaaaaa ttaaatttta 180
accatgaggg aat 193

<210> 29448
<211> 291
<212> DNA
<213> Homo sapiens

<400> 29448
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gtctggaaca ataagcctaa aaaaggtagg ctgaggtgaa atgctggggc agtttaaata 120
aaatgtatgg aatctggtga ttccttacat tcttactgat tctgagtga cagtctctca 180
ggtagtagtt ttgatggcac ctggaagatg gtctgcggga cacaagagcc tgggaaggag 240
aagactagta gccagctatg gaatttggtt atgtgactta taatggggcc c 291

<210> 29449
<211> 77
<212> DNA
<213> Homo sapiens

<400> 29449
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atttctgtcc ggggcct 77

<210> 29450
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 29450
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 gctcacgcct gtaatctcag cattttggga ggccgaggcg ggcagatcat ctgaggtcgg 120
 gagttcgaga csggcctgac caacatggag aaaccccgtc tctactaaaa atacaaaatt 180
 ggccgggctt ggtggcacat gcctgtaatc ccaactgctt ggaaggctga ggcaggagaa 240
 ttgcatgaac ccgggaggcg gaggttgccg tgagccgaga tcgtgccatt gactccagcv 300
 ktgggcaaca agagcgaaac tccgtctcaa aaaaaaa 337

<210> 29451
 <211> 142
 <212> DNA
 <213> Homo sapiens

<400> 29451
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 agttcacctt acaactgcaa ttttcctat gtggttttgt aaagaactct cctcataggt 120
 kaagatcarr aggccccaac ga 142

<210> 29452
 <211> 54
 <212> DNA
 <213> Homo sapiens

<400> 29452
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<210> 29453
 <211> 122
 <212> DNA
 <213> Homo sapiens

<400> 29453
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 tttcatgagg atactgaaat ttattttcta gagttttcat cgagtctgaa gtggctgtaa 120
 gc 122

<210> 29454
 <211> 241
 <212> DNA
 <213> Homo sapiens

<400> 29454
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 agtgcataaa attagtgcac ggagtggcaa cagtttcctt ctgcactcct gataatcaca 120
 ttgcacttac tgaaacagtt tgtaaattga ttgtatctct aagctaaaca gccttggaac 180
 actaaaaaca aaccaracta aaacaaagaa aatggtgatt ttataattag tatggcccca 240
 a 241

<210> 29455
 <211> 255
 <212> DNA
 <213> Homo sapiens

<400> 29455
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 maaatctgtc tgggcacagt agctcatggc tgtaatccca gcactttggg aggctgaggt 180
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 ctncactaaa aacac 255

<210> 29456
 <211> 319
 <212> DNA
 <213> Homo sapiens

<400> 29456
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 agagagaaac ctctaaatcc ccaacagagt atcatgagcc tgtatatgcc aatccctttt 180
 acaggcctac aaccccacag agatnracgg tgacccttgg accaaacttt caagaaagga 240
 taaagattaa aactaatgga ctgggtattg gtgtaaatga atccatacac aatatgggca 300
 atggctctttc agaggaaag 319

<210> 29457
 <211> 285
 <212> DNA
 <213> Homo sapiens

<400> 29457
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 gagaccagga tgtcaccaga gaagctgcta gcaatggcgt gctgctgctc atggaaaggg 180
 aagacaaagt gcatctcaaa cttgagagag gcaacctcat ggggggctgg aaatactcca 240
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<210> 29458
 <211> 304
 <212> DNA
 <213> Homo sapiens

<400> 29458
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 acatagttcg agtataagca cactactaca aactctaaat tgttagacag atgggtggctt 180
 ttgggttcca ttcaacagaa aatagcacta attctctaaa ctagcaattc ctgggtttta 240
 ctactcattg atttcttaat agatttaatt ttatttcacc attaaccaac acttatttct 300
 aaat 304

<210> 29459
 <211> 164
 <212> DNA
 <213> Homo sapiens

<400> 29459
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 cgagtagctg gaattacagg tgcaayaccac tacaccagg ttag 164

<210> 29460
 <211> 118
 <212> DNA
 <213> Homo sapiens

<400> 29460
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<210> 29461
 <211> 186
 <212> DNA
 <213> Homo sapiens

<400> 29461
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 tcaaaggaag ctcagctcag tcaagtgtatg ataaactcct gagcacctca cagcacctgt 120
 tgggagccwt ctgtgtatcc ctcatctccc accagtttcc tgcttgagca tctaccccg 180
 ggattg 186

<210> 29462
 <211> 119
 <212> DNA
 <213> Homo sapiens

<400> 29462
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 gccatgtcc cggctccggc caggctcgtga tcaggagaca ggtgtggccc tgggtcaga 119

<210> 29463
 <211> 388
 <212> DNA
 <213> Homo sapiens

<400> 29463
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 agatttgctt actctagttc cattttattac tctacaatgt tgaaaaaatg atggagggtc 180
 attttttaca taaccacatg aaattagagc tggacttcaa tttccatata tttttctgtg 240
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 tggagcagat tcttcttttt tgagtggagg ggctgtcctg tgcatttcaa tggttctgcc 360
 cggcctctcc caactcaatg ctggcacc 388

<210> 29464
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 29464
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 gcaaatacta tgctcacttg cagagttttt gaaatcgcat gcatttggtt gctcaatatt 180
 acgatgtatt atgttacaat gaagagttta atgccatctt taaatgcttg cttttgcctt 240
 gcaccctttt ttaaaatata aaagtgctag attaagcggt catgccagtt accacnnttg 300
 ttgattctgc cagaagagca tttaccagta ggttctgggt cttgttacct aac 353

<210> 29465
 <211> 296
 <212> DNA
 <213> Homo sapiens

<400> 29465
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 ggggtggatac gtctagagat gggatggaca gcatgaggac tgtagttagt aatatcgtag 120
 tatatactaa aaattttgcc gagagtagat ttgaggtatt cttattttta aaaaaaagta 180
 attctggaag gtgatgtgtg tgtttgcttg actatggaaa tcatttcatg gtgtatatgt 240
 atatcaaagc attatatttt agaccttaaa tatgtacaat tttttaaacc cccact 296

<210> 29466
 <211> 378
 <212> DNA
 <213> Homo sapiens

<400> 29466
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 actgcatgaa gcttgcaatg ttggatatta cgatgttgct aagatactta tagcarmtgr 120
 mgcagaatgt tamcacacaa ggattagatg atgacactcc actccatgat tctgctagta 180
 gtgggcacag agatatagta aagctgttac ttcgtcacgg tggaaatcca tttcaagcta 240
 ataaacatgg ggagcgtcca gtggatgtag cagaaacaga ggagttggag ttgctactaa 300
 aaagagaggt gccttttatct gatgatgatg maagttacac agagtaaagm caagattgca 360
 tcctacagca aaactcca 378

<210> 29467
 <211> 121
 <212> DNA
 <213> Homo sapiens

<400> 29467
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 gtaaaatgtg gttccttctc tgcttgcat ttagccag tcaaggagca aaccagcacc 120
 g 121

<210> 29468
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 29468
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 caaaatcaat gaaatgtggg tgaatccttc atcccatata tcaagagact ttgctgtgta 180
 cgtaatatcc aagtctcagg aggaagtgtg aatcttattt ccatagccca aggctagcta 240

gattgccaat	tggccctttt	ttgcttagga	atccagggtt	tcccttaact	ctttatcann	300
ktttctgagc	ttttctgcct	catagaaggc	aatcctttct	tcacttagca	ttcttgaatc	360
acactctaag	ttcnaagcta	cccctcactc	ccattttt			398

<210> 29469
<211> 221
<212> DNA
<213> Homo sapiens

<400> 29469						
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ggaaaccaa	cagtttaaaa	agtgaatttc	attcaaagt	ttcctagcat	gctcttatta	120
aactttgact	caraccatta	aagccagtct	ttttttggtg	atttgtttct	gtcagaaaaa	180
ttctctaaac	aaaatctaaa	gtaatgactt	taactttttk	t		221

<210> 29470
<211> 385
<212> DNA
<213> Homo sapiens

<400> 29470						
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gagattaaat	gcggtttcca	agcacacgga	tgaatcatg	caccaggaca	tcgtcccgt	120
ctgtgctgcc	gacatccagg	accagctaaa	gaagcgcttt	gcttacctgt	ccggtgggcg	180
gdnggcagga	cggaagcccc	gttatcacct	tccctgacta	cccggccttc	agcgagattc	240
cggacaagga	gttccagaat	gtcatgacct	acctcaccag	catccccagg	tacgtgcacc	300
cagagccccg	cagacattgt	ggtttggggc	agagtccttg	tgagatttca	ccaggggtggg	360
gtccctgcaa	ctatgggatg	aggca				385

<210> 29471
<211> 446
<212> DNA
<213> Homo sapiens

<400> 29471						
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gaatcatgtt	aacagaaaagc	tttagtgtga	gatgaagctt	agaatttagg	agctcccttt	120
gtaaaagtgg	tgatgatggw	ggtaagggtg	ccaagtcttg	tactactcaa	tttcttcttc	180
gatgtcttat	ttgtttttaga	aaaacttgag	cagcctcaaa	accagtaatt	ttaggaaaaa	240
tagtagcctt	tggttctggt	agttttattg	ttaaactgaa	taggtgcaca	aagagtacat	300
ttttaaatta	atttgtatat	gatgatttag	aactggtaca	gtgaaaatct	accattgtaa	360
ttttgcatag	actagcacca	agggttacag	aaccaacaca	tccctattag	ttatgtgttc	420
tgataaacat	ttttttcatg	tatctt				446

<210> 29472
<211> 179
<212> DNA
<213> Homo sapiens

<400> 29472						
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gaatgtgcct	accaatctta	ttcacagaag	ccaaaaagtn	gacacaaccc	aaatgtccag	120
caatggatgt	attcagcaag	cacaatgtgg	tctatccata	caatgaaata	ttaccagg	179

<210> 29473
<211> 327
<212> DNA
<213> Homo sapiens

<400> 29473
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ttagtagagt agcacaaaga gcagtagcca aaggctaaag gagtckattg aaattgttct 120
ggccccactt agagaagtam aaaaggaagg taaaattttg ggggaaaaac tttcagtctg 180
aagaaagtac acactgtttt ttcaattaaa tttaacttac ggtaaaggc aaacttaatg 240
cacaagattt cattaccata ttacaataa tgggtgtaggt gataaaatgc atagtggggt 300
ttatagrmaa aaaaagttat tttccaa 327

<210> 29474
<211> 120
<212> DNA
<213> Homo sapiens

<400> 29474
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ttcactgttg tcaatgacta tcctgttaat tataccgtgt gtagcagtgt ccctggccat 120

<210> 29475
<211> 304
<212> DNA
<213> Homo sapiens

<400> 29475
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gtgaaaagac aacctacaga atgggaaaaa tatttgcaaa ctagtcatct gacaggagat 120
taatattccag aatatacagg aaactgaaac atctcaatat caagaaaaca atctgatttt 180
aaaatgggtca aataatctga acagacattt ctcaaaaaga gatttaata tgtccaacag 240
ataaataaaa caaatgttg gccatcaata atcttcaagg aaatgcaaat caaaaccaca 300
ggga 304

<210> 29476
<211> 144
<212> DNA
<213> Homo sapiens

<400> 29476
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atgaatttcc tctttatgca gagtatctgt ttgcttgtag agtggctttc tggcttgtag 120
ccagcctgtg catggaccac gtgc 144

<210> 29477
<211> 220
<212> DNA
<213> Homo sapiens

<400> 29477
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gatacccgcc gccagcgcc tgccttcggt taccacatc cccctggaac ggatatctgt 120
ttggggcact amvatctatc ctgkagaaac tatggccaaa tctccatcaa tgctttgcta 180

atttctggga ctkaactcgt agaactctaca tacagggcgt 220

<210> 29478
<211> 175
<212> DNA
<213> Homo sapiens

<400> 29478
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tgtagtgagc tggcatgatt atagttcact gcagcctcaa actcctgggc tcaagcgatc 120
ctcctgcctc ggccctcctgg gtggacggga ctacaggtat gtaccacgat ggccct 175

<210> 29479
<211> 273
<212> DNA
<213> Homo sapiens

<400> 29479
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gtaatttgct taagtagtag ttaaaattgt agataggcct tctgacattt tttttcctaa 120
aatttttndc agsattgaaa ggtgaaacag cacaatgtcc cattccaaat ttatttttga 180
aacagatgta aataattggc attttaaaga gaaagcaaaa acatttaatg tattaacagg 240
cttattgcta tgcaggaaat agaaggggag tcc 273

<210> 29480
<211> 194
<212> DNA
<213> Homo sapiens

<400> 29480
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aatcatctct gcatgagcag tttgtctatc tagtaacttg cctattgcag taaaaagggtg 120
atctcttgca gttctcatgg agtttdcatt gtctcgtgca atgccatcga ccttgaattt 180
cagcatagga accc 194

<210> 29481
<211> 144
<212> DNA
<213> Homo sapiens

<400> 29481
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ttttggcccc tcccttcaag tatgttttct tttgtaagaa actgccaaag tggctgtagc 120
atttcgcttt cttaccagta atgc 144

<210> 29482
<211> 291
<212> DNA
<213> Homo sapiens

<400> 29482
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ctagtggcta ctatactgga ccagcacgga ttagaatgct ttcttcattg cagaaagttc 120
tattagtgtc ggtctagagg tcattmagtt ttgccccttt atttaatttt ttcccccttt 180

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tattccacaa aggagaaaat gagggacaaa gaaaggaagt aacgttcagc atcagacagc 240
taattaatcc agtttttttg actggttgcc tgtagattt tcccatgccc c 291

<210> 29483
<211> 87
<212> DNA
<213> Homo sapiens

<400> 29483
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acttttggtta atttaatttt ttttttt 87

<210> 29484
<211> 111
<212> DNA
<213> Homo sapiens

<400> 29484
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tgctttcagc tgctatttct gggaaacaaa atggtttggc ctcaccatcc a 111

<210> 29485
<211> 181
<212> DNA
<213> Homo sapiens

<400> 29485
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ctgaggagtt gacggttact caccgccgtg agcccaagta actcgccctc cttcggctag 120
aaaccctccg cctgggcccg cgcgacagga gcgcggtctc tgaggggagc ggcgaccccg 180
c 181

<210> 29486
<211> 183
<212> DNA
<213> Homo sapiens

<400> 29486
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cgaggctgta gggagccatg atcgtgccac tgactccag tctgagtga agagcaagac 180
ccc 183

<210> 29487
<211> 305
<212> DNA
<213> Homo sapiens

<400> 29487
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atgtaaactg gtaggtactc aaaaacataa atgtcacatc tgcttttagct cttcatctcc 120
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ttttcctgga ggcattctta atctccgtgt tctaaccttt aacaatatag gcttcagttg 240
ccgtgtgatg atttccattg cctggaatct acatgtttrn sttcttccaa agaattgtgc 300

acctc

305

<210> 29488

<211> 118

<212> DNA

<213> Homo sapiens

<400> 29488

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gattaagtca catcaggtag gccctaggcc tgggtctgac cdcgcagtt acccccc 118

<210> 29489

<211> 224

<212> DNA

<213> Homo sapiens

<400> 29489

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nagctaytca ggaagctgag gcaggagaat ggcgtgaacc cgggaggcgg asttgagtg 180
agccgagatc gcgccactgc actccagcct ggggtgacaga gcgt 224

<210> 29490

<211> 182

<212> DNA

<213> Homo sapiens

<400> 29490

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gtgacttcaa tcagaaacaa caaaggtagc gttataactg atcccacaga aatacaaaaag 120
atcctcaggg tctatacaaa agatcctcag ggactattat gaacacatct atgcacacaa 180
ac 182

<210> 29491

<211> 407

<212> DNA

<213> Homo sapiens

<400> 29491

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aatgctgcac ttccaatgaa aacagacagc cagtgtagag acagtccgta tcctgtttct 180
actgtatgac tctgattcat aaattactaa agtgtattcc tgagaaataa atatttcacc 240
agccagtgac agcgttatga gctaattaaa atctgagccc tggaagaagt ggtgccatta 300
gctcaattca caggactgga aagtatgtgt ctgctcacgg actgagwkgg agacatttac 360
atatgggaag gagggggcgg gcttattaag agcacattga ggttttg 407

<210> 29492

<211> 300

<212> DNA

<213> Homo sapiens

<400> 29492

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taattatcca	gtccgaggaa	cagaaagaaa	aaagaatgaa	gagtgaacag	agcttgaggg	120
atctgtggca	ttttatcaag	ttaccaacat	acgcattaaa	ggagttccag	aaaatgaaaa	180
gaaaaaggca	gaaataatat	ttgaggaaat	aatggctgag	acttcccaaa	ttcaatgaaa	240
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<210> 29493

<211> 125

<212> DNA

<213> Homo sapiens

<400> 29493

aaagataatc	ctttcaacaa	atgggagagg	gacatctgaa	cattcacagg	caaatatata	60
tatatatata	aaatatatca	aatatatatc	atatatatat	atctcaacat	agacctatgc	120
ccaga						125

<210> 29494

<211> 245

<212> DNA

<213> Homo sapiens

<400> 29494

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cttgacatg	catgtttata	acagcacaat	tcaccactgd	maaaatcgtg	gaaccaaccc	120
aaatgcccaa	ymaatcamca	agtggataaa	gaaactgtga	gatatatata	tctctagagg	180
aagaagcaaa	tcacagagaa	atacctacag	tgtgattcta	ttgatataaa	gtcaaaggca	240
ggcgt						245

<210> 29495

<211> 163

<212> DNA

<213> Homo sapiens

<400> 29495

agaaaatttt	cgcaacctac	tcattctgaca	aaaggctact	atccagaatc	tacaatgaac	60
tcaaacaat	ttacaagaaa	aaaacaaaca	accccatcaa	aagtgggcga	aggacatgga	120
acagacactt	ctcaawaaga	agacatttat	gcagccaaaa	gcg		163

<210> 29496

<211> 125

<212> DNA

<213> Homo sapiens

<400> 29496

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cagtgtaatg	atcaaactcg	gtaattagct	tattcgtgtt	aaatgtttct	ttgtgttggc	120
aacct						125

<210> 29497

<211> 416

<212> DNA

<213> Homo sapiens

<400> 29497

gggcagatga	ggtccggagc	tgctgaggga	tcccgrntc	cttctgttgg	tctgagaccc	60
------------	------------	------------	-----------	------------	------------	----

tggggcgggc	ggaatcccg	agaaagccgg	agggactccc	caggggaagc	ctgggagctg	120
ccgttctcct	ccctggctgt	gmaaamcagg	aaggggctvg	tgatgctggc	tgcgggcctc	180
cctcctggac	tgcgacattg	tcaccaaatt	ctataaagac	gtcatgcagg	aagtgataac	240
gtgtgctgcg	acgttctgga	agrdactcga	agctaaaaaa	agaacaaaaa	atcaatgaaa	300
aaatgaaact	hvrghaaaca	tgagatgcta	tgtcaatatc	cgtagttatg	gaatggaaaa	360
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<210> 29498
 <211> 258
 <212> DNA
 <213> Homo sapiens

<400> 29498						
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atgagctgga	tgaggagcc	catggctgaa	aggagttaaa	acgcccagtg	gtcattaagt	120
gaaaacatct	twttatcaac	ctgcaaaagc	tgacgcgttc	tctgccaggt	caaattggga	180
tggttagaaa	ataagagaag	atggctgagt	atagctaata	aataaatggt	tgtttcttta	240
gaaaattaaa	cacacaca					258

<210> 29499
 <211> 287
 <212> DNA
 <213> Homo sapiens

<400> 29499						
aggcaatctc	gagccacaga	gacgtccccg	ctgacgagaa	ggaagtccta	cgaccgaggg	60
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cgcaatgacc	gcaatgtctt	ctctcgtctc	accagtaatc	agagccaggg	gtcagcgctg	180
gacaagtctg	atgacagcga	ctcctctttg	tcggagggtc	tgaggggcat	catctccccg	240
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<210> 29500
 <211> 91
 <212> DNA
 <213> Homo sapiens

<400> 29500						
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cagtgagggd	rtggggcagc	agccaccagg	c			91

<210> 29501
 <211> 112
 <212> DNA
 <213> Homo sapiens

<400> 29501						
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tatccaatag	aagaatggtc	aaaagatatg	aaaagaaatt	tataggagcg	ta	112

<210> 29502
 <211> 399
 <212> DNA
 <213> Homo sapiens

<400> 29502

agcaaatacc	ttttgtttct	ctcacgttgg	ggctacttgt	tttagggcgc	aaaggaacgg	60
cctcgaaagg	gggtccttcc	ccagccgaga	accaggaatc	ttccctcggc	ccgcgcgcgc	120
gaccggccgg	tgccgcgcgg	cccgcgaaca	atcctccaaa	cacagactgt	ttgacttaga	180
atcttccctt	ttttactcca	ttcaagagca	gcattcataa	atttccagaa	tgagatctc	240
ctctcatcag	tctcacctcc	tgagcaact	gaacgagcag	cgcaggcaag	atgtatttng	300
tgactgcagt	attctagttg	aagggaaggt	cttcaaagca	catcgaaatg	tatdattcgc	360
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<210> 29503

<211> 405

<212> DNA

<213> Homo sapiens

<400> 29503

acaaaacccg	gaaggacccc	gccgaagktt	tctccggttc	gggagagaga	cggagtcccg	60
ctctgtcacg	caggctgccg	ggctggcgta	cagtggcgca	atctcagctc	gctgcaacct	120
ccacctcctg	ggttcaagcg	atcttcttgc	ctctgcctcc	tgagtagctg	ggattactgg	180
cacacaccac	catgcacagt	tccttggtca	aaatgccaa	aacctggatg	actcatagtc	240
aagaccctcc	accagtaaca	tatattggcg	agccagacag	gagcttggaa	ccctcgggtg	300
acagtgc dna	gcacagaggc	aaccacaggt	ttctaacagg	gccactctct	ggtgaaactg	360
aaaggtttct	gtgtgaaagt	gcctgaccas	cactgcccaa	ttcaa		405

<210> 29504

<211> 250

<212> DNA

<213> Homo sapiens

<400> 29504

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aggaacaggg	catggaacag	attctaccca	tattctcagg	aagagtcctt	gccaacacct	120
ggaattcaag	syttckgrat	tccagaatct	aaaaaacctg	ggcttagata	atgattacgc	180
caaaccactg	gattcaagaa	aaagctcgtc	atgcccaact	attgcatgac	agtatgtgag	240
agccaacctc						250

<210> 29505

<211> 200

<212> DNA

<213> Homo sapiens

<400> 29505

tcactactgt	gttacattta	tatcacaagc	ttcaattaaa	atggatttta	aaggatttta	60
ggattttacct	ttagtattaa	caacgtatct	actgacatac	tgtaggatt	caaaaccagt	120
taagtwtwag	aawtkgyttc	akgtggtttt	cctagggtag	aatttataaa	aggtagaaag	180
catccaagtg	gctcctcatt					200

<210> 29506

<211> 160

<212> DNA

<213> Homo sapiens

<400> 29506

ttcatctaaa	agtggaaaga	tttttgcttc	tgcgttatta	agagcctctt	tgtttgagg	60
agatggttat	ctccttcact	cattaacctt	tgagtgcctg	ttatctacaa	agatgaawaa	120

aatctttcat ttattattta tgatacttgt ctgagcgccg

160

<210> 29507

<211> 126

<212> DNA

<213> Homo sapiens

<400> 29507

tgccagattt cttgtattta ttccacatca ttatgcctat aatgtgccgc tttgtgattg	60
ggcatttgcc tacttttctt tcataattag tgatatatgc gatgtaaaac cactagtaaa	120
ggtacg	126

<210> 29508

<211> 113

<212> DNA

<213> Homo sapiens

<400> 29508

agaaccttcc tgccgtcgcg tttgcacctc gctgctccag cctctggggc gcattccaac	60
cttcacgcct gcgacctgcg gagaaaaaaa attacttatt ttcttgcccc atm	113

<210> 29509

<211> 133

<212> DNA

<213> Homo sapiens

<400> 29509

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gcttttctct cgaattttgg agtgaggcta ggggaagata accatgttag catttattta	120
atttgcykgd acs	133

<210> 29510

<211> 426

<212> DNA

<213> Homo sapiens

<400> 29510

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atcgtagagt tcacaggtat gttgacaaga aaaccatttt aaaatctaaa aactatctcc	120
ttttggtctt taatttcatt tctgtggggw gtatgatgtg aaaaatatga taaatttctt	180
gggacagtgt agtgccagtg tttatgaaca tttctgcttt tgtttatgtg aaaatctaag	240
gagtttccca cagatgctgt ggagttaagg ccaaaaatat gcattttttt caaagtgccg	300
athnngtaaa aagtacacgg tttctctgaa tgaatgcctt gagaggaggc atgtgcaggg	360
tgttccattg cacatcaatc ttttctttat aataattgtg cgrataaaaa agaaagatgc	420
tctaaa	426

<210> 29511

<211> 139

<212> DNA

<213> Homo sapiens

<400> 29511

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tttattagga aacagttgtg agggaaatta aaggtgacct tcaaaacaga taaacaataa	120

aacaaagtag ggcattag

139

<210> 29512

<211> 198

<212> DNA

<213> Homo sapiens

<400> 29512

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tgtttacaac	catgggcccgc	ccctccttag	atgtgtttac	tcgcattcac	aggccacctg	120
ttggtttgag	twcatgtgt	ctccttcct	ggcctaggtt	gacttgagca	cacaactcga	180
tctttcttcc	cctccatc					198

<210> 29513

<211> 287

<212> DNA

<213> Homo sapiens

<400> 29513

ttttagtaat	tgaatttctc	tgcagtagtc	cttcaagcac	ttgaatgtaa	accttttagca	60
tttattcggt	taatgactac	tgatacgaat	ctcaagcaga	tttcttgctc	ttaaaagtta	120
tgtttactg	agttctgggt	ttgtgtagct	atattttata	tagctagata	ttcctcacag	180
tgaacatgaa	ttgtaataat	tggttatttc	cttaagtctt	tagattataa	taatttcaga	240
ttattgcacg	tctgtgattt	gagaggtgag	ttatttaaga	ggccgct		287

<210> 29514

<211> 102

<212> DNA

<213> Homo sapiens

<400> 29514

actgtactgc	tgccatctcg	gctcactgca	acctccctgc	ctgaktctcc	tgactcagcc	60
tgcccagtgc	ctgcgattgc	aggctcacgc	tgccacgcca	ta		102

<210> 29515

<211> 111

<212> DNA

<213> Homo sapiens

<400> 29515

agtacagtgg	ggcgcggtct	tggctcactg	caacctccac	ctcctgggtt	caagtgattc	60
tcctgcatca	gcctcccag	tagctgggat	tacaggcatg	caccaccag	t	111

<210> 29516

<211> 74

<212> DNA

<213> Homo sapiens

<400> 29516

ccatcgaggt	ttttcactcg	vagccccgga	ycctcccccg	agccgcagcc	tctmtccccg	60
ccccgagtcg	gagc					74

<210> 29517

<211> 250

<212> DNA
<213> Homo sapiens

<400> 29517
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tttaaatatt gacctttttg ctatatgggt acattatctt tttttttaag agtacattat 120
cattgaaatc aaaaagargg cmaggaatct ttggatgtag ggagggtttt gcttcctggt 180
gttgacattc agtatatgaa tgctcctgaa tagccctgta gagagaggat gctagcgaat 240
gtgaggctga 250

<210> 29518
<211> 100
<212> DNA
<213> Homo sapiens

<400> 29518
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tattgtgtgt gagggaaagg caagaatgca agatgwgctc 100

<210> 29519
<211> 333
<212> DNA
<213> Homo sapiens

<400> 29519
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aggcggagct ggggtccgga ctgcgagatg gaggaggggc ggcgctgcgg ccacccggca 120
ggcttatctg tyytkggggc yccttttgtc acatattgct catctgtgag ctgaggccct 180
gaskcactga gtattttttg ggagcagaag aaggagacat ttctctccga aaatgaactc 240
aacaggccac cttcaggatg cccccaatgc cacctcgctc caatgtgcct cactcamaag 300
gaaaggaaac agcacctctc tccaggaggg tct 333

<210> 29520
<211> 375
<212> DNA
<213> Homo sapiens

<400> 29520
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tttatagcca tcacaaaatt ttgcccaaag tgtatggctc agaagagatg atcaataact 120
aaaatgtttt thcgtttggm aacatggtaa aatttttagt asasagtga gctttgtata 180
attggttaact ttaaccaaca ttacgtaag tacggtcttt gcagtattac acaataccgc 240
atgagctaata atgcagtatt taggtaatgc attgaatgaa gttgaaaata tgctcttaac 300
acactgtgca trdtttttct aaaattgaga aatatctgaa atacagaata cgaatttaac 360
aaaggaagcc tacct 375

<210> 29521
<211> 137
<212> DNA
<213> Homo sapiens

<400> 29521
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ggtgctgcac ccattaactc gtcatttagc attaggata tctcctaata ctgtccttcc 120

ccccgtcccc cggamcc 137

<210> 29522
<211> 104
<212> DNA
<213> Homo sapiens

<400> 29522
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tacggttttg atatctttgt gttacataat ctcatagaca tgac 104

<210> 29523
<211> 87
<212> DNA
<213> Homo sapiens

<400> 29523
caggatgcct ccctagggtc ctactttttg ttactagctt tattatagct atattattat 60
tattattatt attattatta ttattat 87

<210> 29524
<211> 163
<212> DNA
<213> Homo sapiens

<400> 29524
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tttgtctctg acttctccta ctagattggg gagtttgatt actgtagtct tttctaaata 120
gcactctcsr taatcttttc ctgtggaaac atttggtggc acc 163

<210> 29525
<211> 145
<212> DNA
<213> Homo sapiens

<400> 29525
agcgggagct acagcatcag caagagcaac agtagctaca gccccggcgg cgggtgcctgt 60
tccagtcttt gctgctgcag tccgtgcaac caccagagg gggagggggg aaccaccagt 120
cgctgaggaa caagaggagg rggga 145

<210> 29526
<211> 198
<212> DNA
<213> Homo sapiens

<400> 29526
caatcatatg ttgcagttag tatacaactg actaaaacaa gcaagcagag aaaagcatca 60
gccttcaga gttactgtct gcttaaggca gaaacagcag taaataatga ggaaaatgaa 120
ttagctccag tgctggaaca actaactaac ttggtgttac ctgtaagtga aaactcaagt 180
gtcagatgaa gggagcgg 198

<210> 29527
<211> 309
<212> DNA

<213> Homo sapiens

<400> 29527

aaaaaccgga	gcctcggggc	gggctgcgtg	agggaggagg	gttcatcatg	cctagtggcg	60
tataagaaga	ccccgccacc	ggcccccca	cgcaccactt	caaagccgtt	catctcagtc	120
acagtccard	agccrtwact	gagntctgcc	caggacacct	amctggacag	ccaggaccac	180
aagagcgagg	tgactagcca	gtcggggcctg	agcaactcgt	cggacagcct	ggacagcagt	240
acccgaccgc	ccagcgtgac	acgggggtgga	gtcggccccag	cccctgaggc	cccagagcca	300
cccccaaac						309

<210> 29528

<211> 205

<212> DNA

<213> Homo sapiens

<400> 29528

tttaatcaca	tcccccttct	agagtgttct	aaaatgatgt	agtccctcaa	cttggctaaa	60
gaatctcaat	ctcttgaaat	ttattttttt	aatgtcatat	tcattctggta	aatatctact	120
gtttgccagg	catttaagaa	tatggcaaag	aacataaaag	atggtgtcac	cagattttgg	180
tcaccaatga	gtacccgacc	caaat				205

<210> 29529

<211> 182

<212> DNA

<213> Homo sapiens

<400> 29529

acagggggaa	aaaaggaaag	agagttgcat	ctaccctgga	agcagaattt	gttttccatt	60
taccctcaaa	ttcaaagtga	tcacaatcat	agtcataagg	ctagtccact	accaaagccc	120
tgartgctgt	caaragaaag	catctatctc	caccctcctt	tgtcaacctt	catcaaaggg	180
tc						182

<210> 29530

<211> 189

<212> DNA

<213> Homo sapiens

<400> 29530

ttttaggggt	gakggaggca	ctattgttgt	ttgcatttta	ctgatgggga	attaagcaca	60
gagagggtta	gtgacttgtg	gatcgtcaca	cagcaggtaa	ccagtagagg	tgaartttta	120
acccargger	gtkktttctc	aragtcgttg	gtcttgggaa	aatggctaac	ggttcacgtt	180
acacctcaa						189

<210> 29531

<211> 279

<212> DNA

<213> Homo sapiens

<400> 29531

tggatagtat	ttttgaacta	ccactgacat	gatttttaag	agtacgtgtg	ccttttagtga	60
tgttttaaac	catgaaattg	tgcagtga	agatttatag	aagttatgca	atctaataca	120
scyttawttt	tcaywatttg	gaagcagagg	tcatagcagt	taagaagcat	tgtggagtta	180
ttcagctagt	cagtgttttg	gtcagtacct	cctctgtgca	ctttactatg	ctatggtgtc	240
tgccacagta	tatctagttt	ctgatata	gcacaatct			279

<210> 29532
<211> 166
<212> DNA
<213> Homo sapiens

<400> 29532
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catcagaaaag tgggtggcgtt ttctgtactg gattgcacca aggaagcttt tggggaggaa 120
sgaaggacat tdarattcww tcctggywaa tgaaaamag cccata 166

<210> 29533
<211> 181
<212> DNA
<213> Homo sapiens

<400> 29533
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tgaagtgtct tcatgtgcat tctctggcag gccacagtcc ttctgagctt gtaagatggt 120
gcagcatgca gaccagactt gtccccaagg tctcagcgct gcggtctcac tcctcccctt 180
c 181

<210> 29534
<211> 127
<212> DNA
<213> Homo sapiens

<400> 29534
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gcaggagaat tgcttgaacc cggcaggcag aggttgcagt gagccgagat cgccctgctg 120
cactcca 127

<210> 29535
<211> 167
<212> DNA
<213> Homo sapiens

<400> 29535
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acctccgcct cccgggttca ggcaattctc ctgcctcagc ctcccgggac tacaggtatg 120
caatyamcma kgcttgtcta atttttttat ttttagtaga gatggcg 167

<210> 29536
<211> 109
<212> DNA
<213> Homo sapiens

<400> 29536
cttctgtgcc caacctcaag aagacgaatg cccaggcggc acccaagccc cgcaaagcgc 60
ccagcacgtc ccactctggc ttcccgcggg tggcaaatgg accccgaca 109

<210> 29537
<211> 329
<212> DNA

<213> Homo sapiens

<400> 29537

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atgtaaagtg ctgagtacaa ttcctggacc taggaaatgg tccataaaga gcacttatat	120
tgataaatga tccttgtggg aaagtcctgt tacgtctctg agtctcactc actatcttca	180
tcagtaaagtg gagataaaaa ctatatgtca gggagaatca aataaaaagga tatatatata	240
tgctttgaaa aaggaatttt gtaagactgc attatattaa aatgcatagt ataaatagga	300
cttttccct tgtttnktca cttctccct	329

<210> 29538

<211> 114

<212> DNA

<213> Homo sapiens

<400> 29538

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cccgcacaaa caaacagaca aaaaactgtc attctcatat gaccacggac tcgg	114

<210> 29539

<211> 145

<212> DNA

<213> Homo sapiens

<400> 29539

ttgtttgttt gggtgttttt tgtttttttg ttttttttaa tgacaatgaa gtgacacttt	60
gacatttcct accttttgag gacttgatcc ttctccagga agaaggtgct ttctgcttac	120
tgacttaggc aatacaccaa ggaac	145

<210> 29540

<211> 145

<212> DNA

<213> Homo sapiens

<400> 29540

tagatgatag agacagatgg gaagggaagg ggaccagctg ttaggaccaa caaaaataaa	60
ggcctgagac atgccggaga ggagagggaa gcgcaaaaac aaaatgagag aacagagcca	120
gcaaagtgag ctcaaggaag gtccc	145

<210> 29541

<211> 258

<212> DNA

<213> Homo sapiens

<400> 29541

ataacggtgt aaaggaggaa gggatggaac actgccgagt gtatctgagt atattttgta	60
taactgtgag tcttgagacc atagtaatgt ttctcatgcc ccccaaaata attaaagtca	120
accaggaata atgaggagag ttcaaaatga aatacaaaaca gtaacaaatg aacttaactg	180
tatttcagat gcataatata accacattga aggaggtggg caagaaaaat aagaagttat	240
agcattttga tgggaaat	258

<210> 29542

<211> 421

<212> DNA

<213> Homo sapiens

<400> 29542

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a gttggcagt tctttcagaa tggaaagtat acataataag atgagaggtg ctgggaatga      120
c attttaaaa tatgtcaaag cttctacagt tgcttacgaa atggtaagaa tgaatcccat      180
g tacctgagg ctgacctttc acttttgaag ctaatttcct gttggagaga ccagtctgtg      240
c aggtaaactg aagcaataca agctgttctc ttggcggaag ttcaacaaca catgaagagt      300
t ttggcaaaga taccggtcaa tagtcaacca gtgtccatgg cagagaatgg taactgtgag      360
a atgaagcaga atgctgcaa agctggaatg gacagaagaa ctagagttac agtgtgttag      420
a                                     421
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<210> 29543

<211> 177

<212> DNA

<213> Homo sapiens

<400> 29543

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t tctactcttg tcagtactca cttcctacat ataaatcaga tgtcattctt cagatcaaga      60
a acaaccttc agtgggcttc acttgccgta gtctgccagc aataatttct tgttacttga      120
c tatgtgtgt gtcccataat ccagacaagc tgaataacat ttgtttcacc tctccct      177
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<210> 29544

<211> 113

<212> DNA

<213> Homo sapiens

<400> 29544

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t atattacag ctgtaagatt tacaactgta ttttttgag gttgggttac tgcttacacc      60
t tgctgttct tgcaaatac atttcaaggg cagactttta aaactgtttt ttt      113
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<210> 29545

<211> 189

<212> DNA

<213> Homo sapiens

<400> 29545

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c ccccttttg cccctaccc tgcagcaagg gtagcgtgac gtaatgcaac ctgagcatgt      60
c agcagcaat ataaaggaga atgaggcggc gcgcctccca gacgcagagt agattgtgat      120
t ggctcgggc tgcgraacct cggaaccgg aatgtgagna ccttaaggga tccacagctg      180
c cgccaccc                                     189
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<210> 29546

<211> 200

<212> DNA

<213> Homo sapiens

<400> 29546

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a ctttacata tataattcca tttagtctct gttagttagc tctgcaaagc agatgccatt      60
c catctcaca aagaaaccaa agtttacaca aatgtgccct taaaaaagaa atacccaca      120
a aaagcyaac caaagtagr attcaaacc agttgttaat cacattaaag cctgtgcttt      180
a attcactct accatgacag                                     200
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<210> 29547

<211> 312
 <212> DNA
 <213> Homo sapiens

<400> 29547
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 gatgatcagt gtagtggaag cagggacttg ctgagagctg aaatctctgt ttgatttgct 120
 gtaacattgt aaargcgaaa ctgggacatt ttactttaca gtctatgatt ccacactgca 180
 tggcccgatt tttattcaag aaccaagtcc tgtaatgttc cctttggatt ctgaggagaa 240
 aaaagtgaag ctcaattgtg aagttaaagg aaatccaaaa cctcatatca ggtggaagtt 300
 aaatggaagc ac 312

<210> 29548
 <211> 274
 <212> DNA
 <213> Homo sapiens

<400> 29548
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 tgaattactg tcagaattac atacacaatt acaacaaact ttttttaaaa gacatttcat 120
 tgtactgcaa aaaatctgaa tttttatatt tcttgttttt ttctttatat gttttgcatt 180
 ttaatatgtt gagccactgg aaatttgtaa cagattaatt tggtatagga gtttaaatgt 240
 gttgtcattg tctccattgt ctttgtccag agcc 274

<210> 29549
 <211> 221
 <212> DNA
 <213> Homo sapiens

<400> 29549
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 aattcaacag gcaattcaaa aacctagggtg ctgttgaaag gaacgcctcc ctaagcctga 120
 tgtccctggg aatggacaca gctggtcgcc gtctatccta ccttggcctg cagggggccgg 180
 ggccctccta gaggcgtccc cgcccccatc cactccgaaa g 221

<210> 29550
 <211> 108
 <212> DNA
 <213> Homo sapiens

<400> 29550
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 gggaacttga gggtcttcag tatcttcaga gattccttcc aggccatt 108

<210> 29551
 <211> 82
 <212> DNA
 <213> Homo sapiens

<400> 29551
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 cagaccccg cggttcctac cc 82

<210> 29552

<211> 257
 <212> DNA
 <213> Homo sapiens

<400> 29552
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 tatcatcgag aaatttttat agtttcaggt ctcacattta agtccttgat ccattcttgag 180
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 caattatccc agcattg 257

<210> 29553
 <211> 211
 <212> DNA
 <213> Homo sapiens

<400> 29553
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 ttcccccatg ctgtactcat gatagtaagt tctcatgaaa tctgattggt cgaaaatgtg 120
 tggcatttct cccccmacct tctgccacca cgtgaagaag gtgcttactt ctccttcacc 180
 ttctgccatg attttaagtt tcccagacac c 211

<210> 29554
 <211> 441
 <212> DNA
 <213> Homo sapiens

<400> 29554
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 cgatggccct cggtcgtttc agagaccctt tgggtgtttg atggacctg tctgtaactg 180
 ctactaggca tccttacggg ttctagatct gcataatttg aaagataagg atgttttcaa 240
 ctatgagtac aataaattga aacccaaaaac ttgktaatca atagggaagt cagtcctttt 300
 tcaaaatcaa actgctttct cctggtacct tatttgcccc tttcctccca gccactcagt 360
 ggtgaacttg ttcctcatta tattgagctg tttttagaac ttgttctcat attgctttgt 420
 tactactttg tttaaaagtg a 441

<210> 29555
 <211> 362
 <212> DNA
 <213> Homo sapiens

<400> 29555
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 tgctcaaat ctctgcctac gtcatcacat cacattctcc ctctgtgtct gtgtctccta 180
 aggacaacag tcatactaga ttaggaccca ccctaacctt gcgtgacttc atctgaactt 240
 cctgacatct gcaacgagca aattttcaaa caggatcact ttaacaggta tcaagggttg 300
 agacttcaat gtaccttttt ggtgaacaca atttcaccca caacccttgt cccctcccgc 360
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<210> 29556
 <211> 275
 <212> DNA

<213> Homo sapiens

<400> 29556

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agccacttca	tataggactt	aatatgtcaa	aagcacatta	tgaagcagaa	attaaaaata	120
gccaagaagg	gccagaaaat	ctaaagatct	ttgttctata	actgtaagtg	gagaagagat	180
ccctaatatg	cctcctgaaa	tgcagcttaa	ggctcctgcat	tcagctcttt	tcacatttga	240
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<210> 29557

<211> 228

<212> DNA

<213> Homo sapiens

<400> 29557

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gccgtgtacc	cgaaaaactg	attgactggg	ctggcgtaa	ctgtgcggag	gcaggttgga	120
gtgcatgac	acaatctcag	ttcactgcaa	cctccgcctc	ccgggttcaa	gcgattctca	180
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<210> 29558

<211> 107

<212> DNA

<213> Homo sapiens

<400> 29558

atctttgccc	agactaatgt	aatggagcat	ttcccctatg	ttttcttcta	atagttacac	60
arwttcaggt	cttataattta	aatctttaat	ctgttttgag	ttgattt		107

<210> 29559

<211> 101

<212> DNA

<213> Homo sapiens

<400> 29559

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gcccaraatr	agagggaccr	tcagatgatt	tccttgamag	t		101

<210> 29560

<211> 216

<212> DNA

<213> Homo sapiens

<400> 29560

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atgtagcact	aagcggagga	tcaagatttc	aggagtcttt	attcattatc	aataattttg	120
caaatagtga	cagacctatg	aaggcaactg	cctttccgcg	agaagtcaaa	gacttgacsa	180
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<210> 29561

<211> 98

<212> DNA

<213> Homo sapiens

<400> 29561
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gygaaccca ctcctatcct ttggccttag ttttccca 98

<210> 29562
<211> 236
<212> DNA
<213> Homo sapiens

<400> 29562
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atacaatgtt tccactgtat ttggtaaact agatttacat actaggtata aacatatata 120
ctagcaatgt cttattaaat gtaaagamat tatatataag gtgaaatata tatacacaca 180
cacacacaca catatacgta tgtattcaat cacacacatt ttcagaaatt tcagtt 236

<210> 29563
<211> 142
<212> DNA
<213> Homo sapiens

<400> 29563
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atggtggttt gctgcaccca tcaaccatc atctacatta ggtatttctc ctaatgctgt 120
cccttccta gtccccccc ct 142

<210> 29564
<211> 73
<212> DNA
<213> Homo sapiens

<400> 29564
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gaccgcaaaa aaa 73

<210> 29565
<211> 193
<212> DNA
<213> Homo sapiens

<400> 29565
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aattattatt catttataat tgtggctata ctttctagt actttatatt taaagtaact 120
ttctgtgtac atgctgtatg gagaacacag tcaccagatt gtaaggctct tatgamcaga 180
gagttttttc tct 193

<210> 29566
<211> 96
<212> DNA
<213> Homo sapiens

<400> 29566
aacagactgg gggtaattt agccagaaaa gggggcgga agggctgtag ggtmyktca 60
attcgccgmc atgaacgtgg ttttgctgt gaagca 96

<210> 29567
 <211> 206
 <212> DNA
 <213> Homo sapiens

<400> 29567
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 ttcaaacaat gagtggtgaa gatttgtact taagtgtgaa agcaaatatt ggtaaaaaag 120
 aaagmatggg tttgttgact ataatgttat cattttataa tgcctgaaaa ctaagggttc 180
 aggcctaagg gactggaaa aatgga 206

<210> 29568
 <211> 92
 <212> DNA
 <213> Homo sapiens

<400> 29568
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 ycatagtaat atggttggtt atcaattttc tt 92

<210> 29569
 <211> 292
 <212> DNA
 <213> Homo sapiens

<400> 29569
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 tccctgcagg acaggcatgg gtgccatgtg tgagggtcca caggccaggc cccctctttt 120
 agccwcagg tttcccagtt tcacrrrgtg rasgasgaat acgtgtttgg aaccagtgc 180
 ttccgggggc cccctccggt ggccttaagg tgacatcctc acccacctgg gggcctgagg 240
 caagcctgat agcttctaca gtcctgcagg cccaaaaagc taaccaagca gc 292

<210> 29570
 <211> 150
 <212> DNA
 <213> Homo sapiens

<400> 29570
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 tgccactcat tatatgtttg cagttctagg tctttgacag ctgaagacca gaggamtcaa 120
 acaggcgmgm vmcacagamt actgaccya 150

<210> 29571
 <211> 200
 <212> DNA
 <213> Homo sapiens

<400> 29571
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 gmagtggtgc gatctcagct tactgcagcc tccgcttccg ggshtcamvc gatyctcctg 180
 cmtcagcctg chaagtagct 200

<210> 29572

<211> 301
<212> DNA
<213> Homo sapiens

<400> 29572
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atttaatttt atgttccctt ccgtagaatg taaattcgct cagagaargg ggattggtct 120
gtwctgcact atgtgtkcac tgtccaaagc agttwctgcm ctataattgg ggctcagtaa 180
aaatctgttt aataaacaga tgaatcaata agtgtaccct tctgaaaaac tatgttaatg 240
atgatgaaaa ccaaaatcaa gagtttcaga tatttttcct atttgtwacc tcatttgagt 300
c 301

<210> 29573
<211> 158
<212> DNA
<213> Homo sapiens

<400> 29573
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agtgattatc agaattttgc gtgcggttta cccgtggg 158

<210> 29574
<211> 185
<212> DNA
<213> Homo sapiens

<400> 29574
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ttgtgcccag ctgggttctg cttttttgca tttttacata catatkata atgcagactc 180
acaga 185

<210> 29575
<211> 237
<212> DNA
<213> Homo sapiens

<400> 29575
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ttaggggaca actggaagaa ataacttaga aaaggagaga gtcaaagcaa agctagtaaa 120
ttttaatgac aagggaagct tagagagcaa agaattccag gagggaggta gtgatgatag 180
catcaaataa tgcacagagg ttaaggaagg tgagaactca gagaaacaag gccccgc 237

<210> 29576
<211> 77
<212> DNA
<213> Homo sapiens

<400> 29576
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agaaaataat cttataa 77

<210> 29577

<211> 235
 <212> DNA
 <213> Homo sapiens

<400> 29577
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 tacatgcaat caacatattt agtgaggaga tacatacact aaggaggata actgaaaatt 120
 tttatttcat taagcaaatt gtacttcact cctgtaacaa tgtaagtggg gaatgaaaat 180
 tcagggtattc acattcagaa tttgatttct ttcctttatg aaagaatgca ccagt 235

<210> 29578
 <211> 179
 <212> DNA
 <213> Homo sapiens

<400> 29578
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 tatgtyatca gtatgacttc ctgtcaacag taggttatta gtagttaagt ttttgaaaaa 120
 gccaaaagtt actgtgtrag gggttggcac ccataacctc catattgttc aagggtcca 179

<210> 29579
 <211> 115
 <212> DNA
 <213> Homo sapiens

<400> 29579
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<210> 29580
 <211> 126
 <212> DNA
 <213> Homo sapiens

<400> 29580
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 gccata 126

<210> 29581
 <211> 155
 <212> DNA
 <213> Homo sapiens

<400> 29581
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 aggttgacgt gagccgagat catgccactg cactctagcc tgggcaacag agcaagactc 120
 catctcaaaa aaaaaatgta aggaaaaggg cagcg 155

<210> 29582
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 29582
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 ctttcttaaa atccttttaa accttttaca cagggtcttg gatatcaaag agacaagc 178

<210> 29583
 <211> 173
 <212> DNA
 <213> Homo sapiens

<400> 29583
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 gttccatagc ttggctattg cgaatagtggt cacagtgaac acaggactgc agctctcttc 120
 cccaaactga ctttaaactt tttggataaa tactcagcag tgggattgct gga 173

<210> 29584
 <211> 216
 <212> DNA
 <213> Homo sapiens

<400> 29584
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 attgcttgaa cccgggaggc ggaggttgct gtgagctgag atcgcgccac tgcactccag 120
 cctggctgac gaagtgaatc tctgtctcaa aaaaaaaga aaaaaagaaa tatttatttt 180
 ttaagaatat taactatttt gtaataaggc atgcac 216

<210> 29585
 <211> 391
 <212> DNA
 <213> Homo sapiens

<400> 29585
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 gctgtttatt tttgtatcaa ttatcttccc ctctttagtg tttgtgggta cttcaacact 120
 taaataattt cttttgtttg ttttccccct tttcctaaac tagtttcttt ttagtatttt 180
 agtccccagt tcttttggtt attttttatt ttagaaaaaa tctcatgatt gaagtagtct 240
 catttgcttt attggttaact ttttatattc cttatataag tbdttgatgt ttaagcdatc 300
 tttgcagtgg taattttctt tttkatcaga gcgtagagcc cttttccact gtgttagctt 360
 taacagtctt aatantttta tttcaacact t 391

<210> 29586
 <211> 302
 <212> DNA
 <213> Homo sapiens

<400> 29586
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 atggtttgtc ttattttgtg gaaatatata actttgtata aaaacaatgt tttaaattgt 180
 tggggaaatt tcttaatatg tagcaaaagc ataaccagcg ttcaagtcaa gcctgaagtt 240
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 cc 302

<210> 29587

<211> 128
<212> DNA
<213> Homo sapiens

<400> 29587
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atacctaa 128

<210> 29588
<211> 169
<212> DNA
<213> Homo sapiens

<400> 29588
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gcaaattgggc tttcacaagg tcccacggat actcactttg gttgtattct aagttgatta 120
cacaaatatg agtgtgatta aatgacaac gcaattactg ctgcaattg 169

<210> 29589
<211> 140
<212> DNA
<213> Homo sapiens

<400> 29589
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ttagttcagc cgtacccagt 140

<210> 29590
<211> 228
<212> DNA
<213> Homo sapiens

<400> 29590
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ctaagatagt tgaaatagga actttcttat ttagttgcaa catgaggaaa tttgagatga 120
tgttatctgc caccgccaga tctttccaaa ggatttcttc tagccttaat tatcgacctc 180
acaggacaaa cttttgccat tccccatcta ttttttcttt cggtccc 228

<210> 29591
<211> 129
<212> DNA
<213> Homo sapiens

<400> 29591
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cgtacgtgtg ttgaatggca gtcatacaaaa ataatggyc ttaggtacag cagttttata 120
tagaarasc 129

<210> 29592
<211> 213
<212> DNA
<213> Homo sapiens

<400> 29592
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 cgtttagcaga cagctctgcc ctagtgggcg cttagcctgc gacggcagcc cgagaggatg 180
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 aataaaatgt taaagcmcac agctt 205

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<210> 29595
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 <212> DNA
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 gctgattctt aacagacatt aaaatttgag aatctctgtt taggatttat tcagaatcct 180
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<210> 29596
 <211> 106
 <212> DNA
 <213> Homo sapiens

<400> 29596
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<210> 29597
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<213> Homo sapiens

<400> 29597

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aaacagcaac	aacttgtttc	tctggaatat	tgataaagg	acgaattact	gcaaaagttt	180
ttttatattg	taattgaagt	gtgggttaaag	aaattcattg	tctgctttgt	tagcttttgt	240
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<210> 29598

<211> 114

<212> DNA

<213> Homo sapiens

<400> 29598

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<210> 29599

<211> 145

<212> DNA

<213> Homo sapiens

<400> 29599

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<210> 29600

<211> 302

<212> DNA

<213> Homo sapiens

<400> 29600

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astggagatg	atcangggcc	ataggggacc	tggttaamat	tgactat	ttt	aactat	180
magtgtacag	ttctgtggca	ttaaatacat	tcacattgtt	ctgcaaccat	cactgtcatc		240
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<210> 29601

<211> 292

<212> DNA

<213> Homo sapiens

<400> 29601

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aaagttckgt	ttcttgacct	gggtagtgtg	gacaaagaca	tttgccttat	aatcataatt	180
aactaatctc	tacatttgtt	tgggtctggg	tttctgtttc	atcttaaaac	aaaaagataa	240
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<210> 29602

<211> 165
<212> DNA
<213> Homo sapiens

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gagcaatact gctctgccgt ggttccgtgt tgcatctgt gccgc 165

<210> 29603
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<212> DNA
<213> Homo sapiens

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<210> 29604
<211> 58
<212> DNA
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<210> 29605
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<212> DNA
<213> Homo sapiens

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tctttgtctt akttatggag aaaaaccggg cactttgtcc agcgccactgt gagggcccca 180
ctcaggccag ccctggcccc ccccta 206

<210> 29606
<211> 236
<212> DNA
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ctcagctact tgagaggctg aggtgggaag atcccttgag cctgggaggt tgaggctgca 180
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<210> 29607
<211> 157
<212> DNA
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<400> 29607

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<210> 29608
 <211> 117
 <212> DNA
 <213> Homo sapiens

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<210> 29609
 <211> 272
 <212> DNA
 <213> Homo sapiens

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 tcttccgctg tgctctcat tccaaggga ggaagatgtg actcagccat gacacgtgtt 180
 tctgggtggga tgcacagtca ctccacatcc accattgaag gaaaggaaaa aagggcagag 240
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<210> 29610
 <211> 170
 <212> DNA
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<400> 29610
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 taggccatcg ggtctccac caccaccaac tctgccggcc tccccatgcg 170

<210> 29611
 <211> 389
 <212> DNA
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<400> 29611
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 tgaacacng agaaggtaaa gctacctga 389

<210> 29612
 <211> 87
 <212> DNA
 <213> Homo sapiens

<400> 29612
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 tatcaattct attactttgt cccctc 87

<210> 29613
 <211> 238
 <212> DNA
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<400> 29613
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 ggagctgcta gaaagattcc tttggggaga tggtcagaaa tacttcagtt atttattatt 180
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<210> 29614
 <211> 304
 <212> DNA
 <213> Homo sapiens

<400> 29614
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 ggagggctga ccaccaggaa raaaacctca gaaggwagaa acctcaggcg gatcgccggg 180
 cggcagcgcg agatcccagc ctccaggccc gattcgggaa gggtcgacga agcccttttc 240
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<210> 29615
 <211> 191
 <212> DNA
 <213> Homo sapiens

<400> 29615
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 ttaatgccat agtgatagct attaataaaa gctggtttta tgaaatgcta atttgttttg 180
 gacagaagag c 191

<210> 29616
 <211> 207
 <212> DNA
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<400> 29616
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 aaagtatttt ktaagtagag atgtatgtac cttgaaaaaa agcaagatct taaatgattg 180
 tgtatctgac atgaaagtcc ttcctca 207

<210> 29617
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 <212> DNA
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<400> 29622
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<210> 29623
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<212> DNA
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<210> 29624
<211> 264
<212> DNA
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tgtcataaac tcttctcaca atccgagctg ctctttgtcc tctgtgaatg aagggtacttt 180
tgcttccatt tcatccaagg atgaatgaaa atgtatagca tctgccccaa ctaaaaaagt 240
acagtgtgtt tatcacgaga gcat 264

<210> 29625
<211> 119
<212> DNA
<213> Homo sapiens

<400> 29625
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<210> 29626
<211> 144
<212> DNA
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<400> 29626
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aaatttcata tggaatgaaa aaagagcctg tatagccaag acaatcctaa gcaaaaagaa 120
caaagctgga ggcacacgc tact 144

<210> 29627
<211> 111
<212> DNA
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<400> 29627

cctctagatc atgttatatt ctatatcaga caaactatTT tcttttgacc tttcttcccc 60
tccatccagt atttcggttg atttcatttt ctcccctctc ttccccttcc a 111

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<211> 230
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<213> Homo sapiens

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ggcaagaaat aactaaaatc agagcagaac tgaaggaaaw agagrcacat taaaaaaccc 120
ttmaaaaaat taatgaatcc aggagctggw tttttgaaag gatcaacaaa attgatagac 180
cactagcaag actaataaag aagaaaagag agaagaatca aatagacgcc 230

<210> 29629
<211> 206
<212> DNA
<213> Homo sapiens

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gacccttgtc tttgattggc tcaactcttc gatttgacaa gttagatcaa agcagaamca 120
ggagtctcct gatgtgtttt cttcacatta tgaaaacgat ttcgtacgag actctgattg 180
cctactggca gagagctccc agccca 206

<210> 29630
<211> 276
<212> DNA
<213> Homo sapiens

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gccctcgccg ttgcgggagg cagccgagcc ggccatggcg ttgtcgatgc csctgaatgg 120
gctgaaggag gaggacaaag agccctcat cgagctcttc gtcaaggctg gcaaggatgat 180
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ggagttgtat ttagtgtgac gactgttgac ctgaaa 276

<210> 29631
<211> 121
<212> DNA
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<400> 29631
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a 121

<210> 29632
<211> 136
<212> DNA
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ccactgttaa caccatggct ggtgtcctaa ctgcctcaga agagtccaca ttcaatactg 120
acaatgacaa gctaaa 136

<210> 29633
<211> 274
<212> DNA
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<400> 29633
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ccccacaaaa tgtatatatt gaagcccccac mnns 274

<210> 29634
<211> 77
<212> DNA
<213> Homo sapiens

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aacttgcttc tttctcc 77

<210> 29635
<211> 352
<212> DNA
<213> Homo sapiens

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gtggtactcc acagaaaaga gaaagaaata tcactaaact tgaggtcctc aagagagacc 180
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aggacaagtc gcagttattc aatgccaaaa actcctcata tagtccycag aaaaaggaac 300
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<210> 29636
<211> 156
<212> DNA
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<400> 29636
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ttgaatgtct cagtgcacaa ataacatggg ccccaa 156

<210> 29637
<211> 253
<212> DNA
<213> Homo sapiens

<400> 29637
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ggcctgtact	ggggaggggg	cacccctccc	ctgcgggggc	atcntgggct	ctctccagag	180
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<210> 29638
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 <212> DNA
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gaatatgctc	caacaaatct	cggatagagg	cgccgaagac	aggacgtggg	gmaagctaaa	120
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catcttgagt	tggttttcgg	atatagcaag	agaaaggagt	ccagtttggt	cttctgcatg	120
tggatatcca	atcttctcag	caccatttat	tgaagagggt	atcctttcca	caatgtatgt	180
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ctatagcttt	gcaatatatt	ttcaaaaaga	ataaagatgc	aggcatcata	ctacctgact	360
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 <212> DNA
 <213> Homo sapiens

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tttggtgga	agactggaat	ttaattgcca	tcgtctttga	ttttgtgaca	tttctgcttg	240
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<210> 29641
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 <212> DNA
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ctaa						124

<210> 29642

<211> 361
<212> DNA
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<210> 29643
<211> 296
<212> DNA
<213> Homo sapiens

<400> 29643
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gagagtatgc ttttttagga acgtgtatca agatctcctg aaggattttt cagaccacat 240
aagcaatccc tgaaagtctg atctttccct gcaccatccc cccatcccag ggcccc 296

<210> 29644
<211> 117
<212> DNA
<213> Homo sapiens

<400> 29644
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aaccactga agtttttttt twatgttctt tgaccacac catcaacact accctct 117

<210> 29645
<211> 115
<212> DNA
<213> Homo sapiens

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<210> 29646
<211> 95
<212> DNA
<213> Homo sapiens

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aatagtgtcg caataaactt atgtgtgcat gtgcg 95

<210> 29647
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<212> DNA
<213> Homo sapiens

<400> 29647
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cttacatata ataaaatgta ttcattttaa gtgtacagtc tgatgagttt tgacaaatgt 240
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<210> 29648
<211> 287
<212> DNA
<213> Homo sapiens

<400> 29648
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attctaagat ggagacaaca gaatttcctg agggactgga tgtggaatgt gagagaaaga 180
ggagttaaag atgattctga gatttttgtt ctgaacagcc agaattgatgg agttgtcatt 240
aactgagggtg gaaaaggmtg tgggaagggc tagttctgat ggggagg 287

<210> 29649
<211> 136
<212> DNA
<213> Homo sapiens

<400> 29649
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taacagtttg cctgctgtat ttatagtaac cattttcctt tggactgttc aagcaaaaaa 120
ggttaashaac tgcttc 136

<210> 29650
<211> 105
<212> DNA
<213> Homo sapiens

<400> 29650
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gaggagaggc gcgagcagcg gctgaagcgc caggaggagg aatts 105

<210> 29651
<211> 190
<212> DNA
<213> Homo sapiens

<400> 29651
attgggaaan atttttgtgt tttatgtaag acagaggaga agtgctaagg acatagaagg 60
aaagacagca taaggccatc acagttgttc accatcttgt caatatgtac aggtgcagct 120
accattgtat cacggaaatg acagaatgat gttcttactg tgttggaag tagtgtattc 180
tgcattggga 190

<210> 29652
<211> 412

<212> DNA
<213> Homo sapiens

<400> 29652
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cccctatgag ggggaaagat agtaacttta cgatggagaa acccagcaga aacctgaacc 120
aaatgaacaa gttcaacatc atcagtaaga aaaactatca atgccataac tctgatggaa 180
tgcaactgga aggattccac atcatttttg agctgttaatt gnmaaaagtg cgtaacttca 240
gtccaatcat ggaaatacat cagacaaacc caaatcgaag aacatttgac aaatagtgat 300
cagtactggg tcaaaatgtc acggttatga aagataagga aagattgagg aactgttatt 360
gcagtctaca aaacggcgag agactaagaa ataactaaat gcagcgtgat cc 412

<210> 29653
<211> 437
<212> DNA
<213> Homo sapiens

<400> 29653
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tttgagttag gacaatcctc tgccctttcc atgatggaag aggtccaata taatcaatcc 120
gccaccaggt agctggctga tcacccaagg aatgggtgaca tactgagggc ttgggtgcgg 180
tctctgctgc tggcaaatga ggcaactcag agtggccgta gccagggtcag ccttggtgag 240
tggaartcca tgttgctgag cccaagcatt acttccatcc ctgccaccat ggccactttg 300
ttggccatgg gcgatggcag gggaaagagg cwanmnggtg tmcacaaaat gggtcacacct 360
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ggatacaaat atcttgt 437

<210> 29654
<211> 286
<212> DNA
<213> Homo sapiens

<400> 29654
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atttaaatggg gctgggaagt gagggagtta ttgaaagcag aaataaattg ctgttaattg 120
ctactgtttg caatttgcta ttggaagtag caaggtaaatt gttagtgcac atacaattgt 180
attgattgga ttgtcttttt caaggttatt gttgcaatta aattgacctt ttgctggtac 240
agaaataact tgtttaatga aaactgaaca aatgaattgg gcaaca 286

<210> 29655
<211> 340
<212> DNA
<213> Homo sapiens

<400> 29655
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gttgatgtac attagataga ctgattgttg agtatattatt caccocgact ttcagcaagc 120
cttggttgat tgattatagc tttgcctacc ttcccaaatt gtcoccttca acatgatgtg 180
cctaagcctc tgtgaagaaa aaagaggaag ctttagtttg caaattttta gaatatggat 240
taaaactcag atttcagagc cagacctaca tattdndcag aaacccaaat ttaagataat 300
gtccccagac ccatcttatg taacttaag ttgaacacta 340

<210> 29656
<211> 274

<212> DNA

<213> Homo sapiens

<400> 29656

gcmmaatcac	ccacaaaatg	cacaaaaatg	tgaaaaacgt	ggcactaaat	atacttcgag	60
tatacttatt	tacagtctga	gagctgaaac	aagaaggcag	agtattgcct	tgttcagcct	120
cagctgggaa	tgtgcatacc	gggcaactca	actttcaccg	ctctgcacat	gtctgctaata	180
aactgcgaaa	gaagtgcctc	aagtattaag	gattacaaat	gaatccttagc	aagtaggcag	240
tcacaaatgt	ggaatctaca	agtaatgaaa	atca			274

<210> 29657

<211> 155

<212> DNA

<213> Homo sapiens

<400> 29657

taaccatgac	tgtaaacatt	aaaaaaaagaa	taaagatggc	agcctcattg	gattcaaagt	60
aatgtcgttc	aaagtcaact	ctaaataact	acatgtgcat	tgcccttgcaa	agtgttagac	120
gttttcagga	atcattagca	gtaaaagtga	gcaga			155

<210> 29658

<211> 243

<212> DNA

<213> Homo sapiens

<400> 29658

atgtgtgtgt	gtgtgttttt	tttaaggtaa	acattactac	ttgtaacttt	ttttcttagt	60
catatgtgaa	aaagtagaaa	attgagttac	aatttgattt	ttttttccaa	agatgtctgt	120
waaatctgtt	gtgcttttat	atgaatat	gttttttata	gtttaaaatt	gatcctttgg	180
gaatccagtt	gaagttccca	aatactttat	aagagtttat	cagacatctc	taatttggcc	240
acc						243

<210> 29659

<211> 183

<212> DNA

<213> Homo sapiens

<400> 29659

aaatgctctg	gggctctccg	cgctttcctg	agtccgggct	ccgaggaccc	ttaggtagtc	60
ccggtctctt	ttaaggctcc	ccggcttcca	aagggktgcc	acgtccctaa	accctgtctc	120
cagctcgcac	acacacacgc	acagacacgc	acgttttctg	ttcctgcgtg	acacccgccc	180
tat						183

<210> 29660

<211> 71

<212> DNA

<213> Homo sapiens

<400> 29660

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tctctgtcct	c					71

<210> 29661

<211> 73

001220 1666750

<212> DNA
<213> Homo sapiens

<400> 29661
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gagcaaagct cgc 73

<210> 29662
<211> 144
<212> DNA
<213> Homo sapiens

<400> 29662
tgagatggag tctcgctctg tcaccaggc tagagtgcag tggcgccatc tcggctcact 60
gcaacctctg cctcctgagt tcaagcaatt cttctgcctc agcctcccaa agtagctgaa 120
gattacaggt gcatgccacc acca 144

<210> 29663
<211> 305
<212> DNA
<213> Homo sapiens

<400> 29663
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agatctttca tggaagaaag tagtcccgta agtctaagta caaatttcaa atgtaaaata 120
aaactgatca agccagagac cagggtttggc aaaaagtatc atttgatatg acttgtaaaa 180
tgtcaattat tgtgaacaat tttaaaaaga cctcatcaga ccatattgca tgttctcata 240
aaggggaaaa gaagtatata acagcatgta ctgaatactg tataccatt atacatcggg 300
cctgc 305

<210> 29664
<211> 196
<212> DNA
<213> Homo sapiens

<400> 29664
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taacctgccc aaggggaagg tgtaaatgct gtgaattggc agaggagaga gctgtgctcc 120
ataggggtgct gccggtgctg tgctccctag cttctgktc tgtmttcctc cttagccaga 180
acgccacccc cttccc 196

<210> 29665
<211> 174
<212> DNA
<213> Homo sapiens

<400> 29665
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gacgaatcag catcttgctt ccatgggtgat aacactaatt gaatatatct atgagggcat 120
gwattagtta atggaaaaaa aaatacaaca ctaacaatta catrgctgca attg 174

<210> 29666
<211> 259
<212> DNA

<213> Homo sapiens

<400> 29666

taaaaaaaaat	ggagaatgtt	ttctctcaaa	tttcctctga	cccatgggaa	tgaaaatact	60
taaatactgt	aaagcatatc	tattaataat	tcccccaatt	ttttaaacta	acaaaatgga	120
atgttaactg	aatggaatta	aacatagcaa	ttgtcaaggc	aatcaaaatt	atatatcgaa	180
ccacttaggc	atgttacggg	gtaaagtcct	caccctgca	tttgagaaat	atattattat	240
ttttatttta	aggcaaaac					259

<210> 29667

<211> 397

<212> DNA

<213> Homo sapiens

<400> 29667

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tggcctccaa	ggaaaattgt	gaatgtttta	tgagtattta	gaagtaatgt	agatattcca	120
aggaggaaaa	atggwkataa	aaagaaaagc	gtgtaatgtc	ataattactt	cattagtgtg	180
gagaagacat	tagcaagaaa	attccaggtc	aacttaaaat	ggtcttatgg	ggagcaggca	240
ttttaatgay	yatcacaga	gggttgtcct	gtcccaaacc	aaagcctgtg	tcagattcca	300
taaatnnatt	agaaagcaaa	tagcactttg	gtttacagta	aatgaggat	gtgtgaaaat	360
gtttctttgc	aaattcgctt	ttgataatca	cgatata			397

<210> 29668

<211> 85

<212> DNA

<213> Homo sapiens

<400> 29668

agtttattag	gaatgtcttt	atttaattaa	tttggtaaat	tactaggaat	gtagtagttt	60
acattactgc	tatgaactcc	cttct				85

<210> 29669

<211> 142

<212> DNA

<213> Homo sapiens

<400> 29669

cacggtgact	attcagctat	ttggcgtgaa	taagaagaat	aagggttaatt	tcctgagatt	60
cataacaagg	gtcattttatc	attgcatcat	ttatatgcct	aggatgccct	tttgttttta	120
tccatattta	aacatccagc	tt				142

<210> 29670

<211> 178

<212> DNA

<213> Homo sapiens

<400> 29670

atctgtcaac	tgctgtttta	atTTTTgtgt	ttagaagtta	tgtagtacct	gtcactattg	60
tgacatggct	cacatgtgtt	tagaagtgca	gtttcaaatt	tgactttgca	aagtcatttt	120
gctaaacttt	ctgtcatttt	tcctaccagg	tataaagcaa	tcamttctaa	ataggtca	178

<210> 29671

<211> 320

<212> DNA
 <213> Homo sapiens

<400> 29671
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 tgctgkkgat ggggaggctg agacaggatc gcttcagagc tgagtggaga cacatgatat 120
 tgactagagt tccctcccag aggcctarrt ggtctctggg agggaaacat gatccaataa 180
 atggggactg tgggaattac atttctccca tttccgtcat ttctgggagg ctccaggaga 240
 gtgaagvwwh gtttaattag cccagggcct tgttgactcc ggttggaag ctccctgtgt 300
 acctccaatg ctccaccac 320

<210> 29672
 <211> 245
 <212> DNA
 <213> Homo sapiens

<400> 29672
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 tttcagatta gttgtcacat aatccccctt tgggtatggt atccatgcc tcaaccgttt 120
 ggggtcccc agtttanagc tactgtttta tatttttatt atagtattta tctccagact 180
 tcttttggtg tggaataggg gcaatctcct tgatggattt ctcaaacagc cttcaccag 240
 gcttc 245

<210> 29673
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 29673
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 gttcctggag aacacaaaag atggataatt ttattaatca cagctgttta ccaggattgt 120
 ctatgtgctt catctttccc cac 143

<210> 29674
 <211> 222
 <212> DNA
 <213> Homo sapiens

<400> 29674
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 atttcaactc agtccctgtc ctctagttgg cttccgacca agtggcagaa gccaacacac 120
 acagtcacct gtgtgtaagc gtasaggaaa gatgagctca ggatggttta ggaacacgca 180
 ggaggaagcg ttggagccta gcttttggtg gccggggggg gt 222

<210> 29675
 <211> 110
 <212> DNA
 <213> Homo sapiens

<400> 29675
 gcatcactcg ggtccccctc ctgcacccag ccgccacttg ccggttgcta agcagttatc 60
 attgtttctg tggcgattgc agaggctgtt gctaattgga gaagcccaa 110

<210> 29676

<211> 138
<212> DNA
<213> Homo sapiens

<400> 29676
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cacatgcaca cacgcttctc accttcagag cttcaagagc actgaggcga tcagtcacct 120
accctgttc ccatcact 138

<210> 29677
<211> 141
<212> DNA
<213> Homo sapiens

<400> 29677
gctaaagaat tagattggta ttggctgaaa tgggtgcagta atcacatgat agggttaata 60
caacatgagt tacatgctga gtgctctaag gtagaaagta ggtaacaarg aataacaggt 120
aggtaatgta agtcgggaga g 141

<210> 29678
<211> 337
<212> DNA
<213> Homo sapiens

<400> 29678
aatgctaata gagttttgaa atcttaaccc ctagtgaatc aagagtctac tgtgagtcctc 60
tgatgggggc attcaaccaa ggcagttatt tctgaaattc ttccaactct ggcaratcct 120
ggatattact ttagccctgg gtcacatcagtt ttcctaataga accacatttt ttttttatga 180
tgacgatgct ggaaatgggt tttaaatagg gtaaattcctt atttgttctc aatacctccg 240
gaatagctga agagtgaaca ctttaaagac tgattggcaa tgctgactgg ctagtgtatt 300
cttaggtggt acaaaagcag tataattcac tactttt 337

<210> 29679
<211> 247
<212> DNA
<213> Homo sapiens

<400> 29679
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tggtcagatg gaaaagcctg tgataaggta aaattgagca gagacctaaa tgagagagag 120
tgaaccatgc gaataattaa gtgaataatg ttttaattat aggaacaat atgtgtgtgt 180
ctatatatat atatacacac aaaggactg aggcagcagc atacttgcca tgtttgagga 240
ataacaa 247

<210> 29680
<211> 202
<212> DNA
<213> Homo sapiens

<400> 29680
cacttagctg ctgcttggtg ctcttaaate gacattcttt ctggcttcct tgaaggggaa 60
aatcagatag actgtagggt gtcttgctta gacatttgam gctttattct tagacaaata 120
ctgccaggat atcctttgat tcctgagagc agctagaacc tttcaagggtg tgcgtgcata 180
tgtgtgtgta tgtgtgtgta tc 202

<210> 29681
<211> 81
<212> DNA
<213> Homo sapiens

<400> 29681
cttgggtatat tcttgtgtta actgcccatt ggcctgaaaa tactcattgt aagcctgaaa 60
aaaaaaaaatct ttcccactgt a 81

<210> 29682
<211> 161
<212> DNA
<213> Homo sapiens

<400> 29682
agaattatgg ataattaata cagtaacagt atatTTTTtatt ttatTTTTtaaa aacctatTTTt 60
aattgaattt aatTTTTtagg atagtaatac attcacatgg ttcagtatca aacagcataa 120
agaggTTTtac aataaaaatgt attctaccct tatcccccaa t 161

<210> 29683
<211> 423
<212> DNA
<213> Homo sapiens

<400> 29683
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tgtgaaaatg accatgctgc caaaagcaat atacacattc aatgcaattc ccatcaaact 120
accaccatca ttcttcacag cactggaaaa aacaatttcta aaattcatgt gaaactataa 180
aagcccgcat taggcaaagc aagagtaagc aaaaagaaca aatctggagg catcacgtta 240
cctgacttca nactatacta caaggctata gtcaccaaag cagcatggta cagggtataaa 300
aataggtgca tagaccaatg gaacagaata ggaaccaga aataagccca aatacttaca 360
rctaactgat ttttgacaaa gcaamcaaaa acataaaaagt ggggaaagac accctaattc 420
aac 423

<210> 29684
<211> 388
<212> DNA
<213> Homo sapiens

<400> 29684
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tgtgtaaatg aggaaggaac atatcagttg gttcataata tctatatata tatttaattc 120
ctcttgTTTT tggggatctt tttttttcta atacttatta ccactataca aaatgcaggt 180
gggaataaaag gaataacgaa agaataataa ttactgaatc gatcttgcaa atgtttatgt 240
atggttcaaa ttatttactt ctagaaaagg tcttaagaat cttactcaga acctttatac 300
tcttattttc tcacaaagct agtgactgta tagtgtaaata taatggcttc ttgcagaata 360
aatgtagcaa gtagtttagt taggaggt 388

<210> 29685
<211> 287
<212> DNA
<213> Homo sapiens

<400> 29685
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 ttggttagaa acacaaaaaa ataaaactag taatatgtgta tgtttatcta tctctacata 120
 tttccagcat atgtagcgtt aatagatctg tcttggtaac tgtgtctttg ggatttcatt 180
 ttggttccat caaattagga aaagaaatgg cttagtkgta tatgattagc tagagatttt 240
 tggagccaga cacctgctgt ttagtagata acttagtaca gacccaa 287

<210> 29686
 <211> 154
 <212> DNA
 <213> Homo sapiens

<400> 29686
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 tttctctgc agacaccttg tcaacaacat gcaacagtgt caggtgcctt gcaggaaaat 120
 aatctgagtc ccaagctagc ctgtgctcaa ccac 154

<210> 29687
 <211> 316
 <212> DNA
 <213> Homo sapiens

<400> 29687
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 ttcattttct tctttccac ttttaacaaat tatttttctt tttcaatgcc cccctccagt 120
 agcttggtat tatagttttt aaaattaaac ttttactctt agttgcataat tgtcatacag 180
 ttgtaagaag cattacagag agacactgtg tctttacccc attttctcca atgacaatat 240
 tttgcaaac tgtagtagac tatcataacc aggaattgac attgatacag tcaagataca 300
 gaacattccc atcnn 316

<210> 29688
 <211> 267
 <212> DNA
 <213> Homo sapiens

<400> 29688
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 tgacggtctg gaaagcagag accagcaggg ctgactgctt gggarmgcct ctcgggaggt 120
 ccgagaagag aaccgcgatc tgtttcagca ccggggctca ggacagttcc cagcgggctc 180
 cgtttcgtct ccagaaccct ggacagctcc tccagtagag acgggggttc accatgttgg 240
 ccaggstggt ctcaaactct tgacctc 267

<210> 29689
 <211> 157
 <212> DNA
 <213> Homo sapiens

<400> 29689
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 tctggwactc aggttggtg gcggtggtgt gatcttggt cactgtaaac tcargtccy 120
 gaactcmaag caattcwmmt gcctwgrgcc ctcccc 157

<210> 29690
 <211> 435

<212> DNA
<213> Homo sapiens

<400> 29690
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catctaattg gatgatcata agatcttttc tcttttaatc tgtagtggtg ataacttaca 120
ttttttgatt ttccagaaat gtctttggat tcttagaata agccagatgt atcacaagtg 180
gattatctgt atcacatata tggctgttct tgagttacta atcttttata ttttgtgtgt 240
aaggaatgtt tttaatctag gtgaaatctt gaatctatgc tcacaagtaa gaatatcctt 300
tctcaaacta tccttatctg gccttagtac tgagcttttag attatcttgg aggttccatc 360
tbccttcttg taatgattct tatgcctcat ggcacacaca aagttcccct ttgtaaattt 420
catacgcgct cgagg 435

<210> 29691
<211> 104
<212> DNA
<213> Homo sapiens

<400> 29691
tttcgcttca cccaggctgg ttcagagsys yctgcattat tgggccgaat cccwtctgct 60
gtgggsbatc agsetaccct ggccactgac atgggtacta tgca 104

<210> 29692
<211> 161
<212> DNA
<213> Homo sapiens

<400> 29692
aattagccag gtatgggtggc acatacctgt agtcccagct actcggggagc ctgaagtaga 60
aggatcattt gagtccagga ggtcgaggct gcagtggacc gtgagccgtg atcatgccac 120
tgcaactccag cctggacgac agagtggagng tatgtttcag a 161

<210> 29693
<211> 286
<212> DNA
<213> Homo sapiens

<400> 29693
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atgcttcaca gtgaagccag tcggctgaag gaaagatgaa cgggcacttt ctctttgtag 120
agatttccgg aatctcctga ggccactttt attgcttccc gtctttgtga aaaaataggc 180
ttggaaatag agggcccaag acagggagtg gaacagccag ccccggtggag gggacctcag 240
ctgtggagtg gagtggctct gagccacagc tggataacgg acaccc 286

<210> 29694
<211> 373
<212> DNA
<213> Homo sapiens

<400> 29694
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taattgttgt attgtatcca tcactttaaa tatttatcat ttctttgtgg tgcattttca 120
ccaattttta gtgcacagtt ttgtagcata aaattttatt acgctgtgta gccatcacca 180
ccatccattt caccttcctt gacaccttac ctgttcaacg ctaactcccc cttctccctt 240

cttccagccc cttggtaacc actattctac agcttttcat tttcaaagga tgttttattg 300
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<211> 293
<212> DNA
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ctccatagga gcacaaacga gggcagagaa gagagcagca gaagatgtat gatttagaac 180
atagcataac ctttctttt ttaaaatcac tccagctgca tagagagaag gagcaccatg 240
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<212> DNA
<213> Homo sapiens

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gacagttggc tgttaagtga cactgattct cccctgcca 100

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<211> 151
<212> DNA
<213> Homo sapiens

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tggttgactc attaaaaatg taatcctata ttacaaaatt catacaacta aagtgtcaaa 120
ggaaattaat gttctctgtt tccccccacg c 151

<210> 29698
<211> 158
<212> DNA
<213> Homo sapiens

<400> 29698
agacctgaaa ctatgaaact actagaagaa aacataaggc aacattggtc tatgacatta 60
gttttaggcaa tgattttttt tatatatgaa cacaaaagca caagcaacaa aagcaaatgg 120
gactacatca aactgaaaac cttttatgca gccaaagca 158

<210> 29699
<211> 319
<212> DNA
<213> Homo sapiens

<400> 29699
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gmtgttgact wtcgcgaag gvmmttacwt ccactttctg tcwccctccc ctgtcctact 180

gcctgtgttg agtgctgcag aaggaggttg aagacatttc agtggagtcc atgtctctca 240
ggcagcttcg tttcctggag gggagaramg cagtgccttc agacatgggg aatgaccaca 300
tgctgatggg ggcacagcc 319

<210> 29700
<211> 417
<212> DNA
<213> Homo sapiens

<400> 29700
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ggccagggca gttaccagga cggctctcgg aggccgggat tcgcggaggg tccaccagca 180
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gtagtgccat ctcagctcac tgcaacctct gcctcccggg ttcaagcgat tgtcctgcct 360
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<210> 29701
<211> 406
<212> DNA
<213> Homo sapiens

<400> 29701
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aaacacaatt tctatggcat agtcaactga acttcatttt tacatttaat ctaacatgtt 180
aacacgttct aacagggttt ctatgagcag ctgctgtaac atactcatca actatgatag 240
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cgtggagggtg attgtcaghv tttaaacagg actactttct ccactatgaa gatgacttgg 360
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<210> 29702
<211> 432
<212> DNA
<213> Homo sapiens

<400> 29702
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agactcagcc atggctcctc cccaaagggt ctgaaggata ccttgcagcc acctatccaa 180
ctgtcggcca gaccagtccc cgagccagga aatccatgag cctggacatg gggcaacctt 240
ctcaggccaa cactaagaag ttgcttggtt agtttatcta aattatgtag atttttttta 300
ttatttaaaa aaatagatat ttttactctt ggaaaattat ttgaaatttc aggattatca 360
aaattttcca tgtcagtgtg gcaaagtgtt tgatgccatt taaaagagag tttgatagat 420
cagttaagca nt 432

<210> 29703
<211> 290
<212> DNA
<213> Homo sapiens

<400> 29703
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004220" 56E560

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atcattgcta	ttatgttama	tatcacaact	actgtcattt	cttgtttacc	cactacattc	180
taagcttggt	gctgacatct	ttgtatttat	tatataaaat	tctcaaaatt	actctgcccg	240
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<210> 29704
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 <212> DNA
 <213> Homo sapiens

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<210> 29705
 <211> 408
 <212> DNA
 <213> Homo sapiens

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catagtgttg	acattcaact	atttagaaaa	tttattactg	taagtatctt	ggcttttgtg	180
tgtgtgtgat	ttttactttg	atgtaatgca	ggagtcccca	acccctgggc	cacagaatgg	240
taccattagg	aaccaggctg	cacagcggga	gatgagcagt	gggcaagcaa	gagaagcttc	300
atctgtattt	gcagccactc	cccatcactc	gcattactgc	ctgagctcca	tctcctgtca	360
gatcagcagt	ggcattagat	tcttatagga	gcatgaaccc	tattgtgm		408

<210> 29706
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 <212> DNA
 <213> Homo sapiens

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gactttctga	tattgtaaaa	tgtgtgtgct	gttttttttg	tgtaattgaa	gcctctgaaa	120
aaataaatga	ggtgggtttt	gctgtaatgt	ccctagtact	tggtctaaagc	tagtaaaata	180
aatagatccc	attcacaatt	gccacaaaga	gaataaaata	cctaggaatc	caaattacaa	240
ggaatgygaa	ggacctcttc	aaggagaact	acaaaccact	gcttaaggaa	ataagagagg	300
acacaaacaa	atggaaaaca	ttccatgctt	atgaataaga	tgaa		344

<210> 29707
 <211> 126
 <212> DNA
 <213> Homo sapiens

gagtcgggct	tcggtcgcac	cagagacagc	ggactttcct	ccgatgggtg	cagcagaggg	60
atcatgacgg	ggaaaaagtc	ctcccgggag	aaacggcgca	aacgtagcag	tcaggagggc	120
gccaac						126

<210> 29708
 <211> 391
 <212> DNA

<213> Homo sapiens

<400> 29708

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gtgcaatgca	tctgtttata	tggaggccaa	aaacagggga	tgggtgtgaag	acatgctcaa	120
ctataggata	taagtactga	tttgtaactt	taaaggaatt	gcatttgtcc	ttaagaataa	180
cagagtagtt	ttcaatctgg	tcactctttt	gggccaaacc	caagagaatt	ttaagaaatg	240
tttcataggt	ataaaaaggt	gatcgcctat	tactgacagt	ctcattgtag	ctctaaaaag	300
cctaattgat	ccactgtgga	ataaactcca	tagactcann	tcttctggag	ttcacaatgc	360
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<210> 29709

<211> 205

<212> DNA

<213> Homo sapiens

<400> 29709

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ccaaatggat	gtgacagaca	tttacagaac	attttatcca	atagctgctg	aatacacatt	180
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<210> 29710

<211> 171

<212> DNA

<213> Homo sapiens

<400> 29710

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taagaagccg	attgaagacg	tgttgctgtc	ctcagtgcgg	cgctctgtcc	tcatgaagag	120
ggacagcgat	tccgagggtg	actgaggcta	cagcttctat	cacatgccgg	c	171

<210> 29711

<211> 230

<212> DNA

<213> Homo sapiens

<400> 29711

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actgtaagga	acctagtcaa	tgaacatttt	ttaatacttg	ctggttttga	gtgccagggt	120
gttgcaaaaa	gtcctcttcc	ttcctcccaa	agtatagaga	ctcctctagg	tagataaact	180
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<210> 29712

<211> 234

<212> DNA

<213> Homo sapiens

<400> 29712

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agagtttttc	attttagtaa	catgtgcaaa	ttgtctggat	cagagctcct	cagtccttga	180
cttgcttaca	tgttttggaa	ctaaaagatc	tgcctaacat	gtatctgccc	ccat	234

<210> 29713
<211> 159
<212> DNA
<213> Homo sapiens

<400> 29713
gaaccttcct gccgtcgcgt ttgcacctcg ctgctccagc ctctggggcg cattccaacc 60
ttccagcctg cgacctgcgg agaaaaaaaa ttacttattt tcttgcccca tacatacctt 120
gaggcgagca aaaaaattaa attttaacca tgaggggtt 159

<210> 29714
<211> 63
<212> DNA
<213> Homo sapiens

<400> 29714
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ctt 63

<210> 29715
<211> 291
<212> DNA
<213> Homo sapiens

<400> 29715
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gcagaacctt aggcagtctg ctgtttgctc tctgtctgcg ctggcctttg agacaatata 120
aaaagcaaaw aagggtattc ccaatagtaa aaagattatt gaggattttt tctggggagt 180
gattaggctg gaaaggtagg agctaaatat tgwnntggca gcagcagctt ttgcaacaat 240
aatagaatct gatgcagact gttagcaaat aaatcacac cacttagggc t 291

<210> 29716
<211> 117
<212> DNA
<213> Homo sapiens

<400> 29716
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<210> 29717
<211> 227
<212> DNA
<213> Homo sapiens

<400> 29717
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gttctcttgc tccaaagacc tggaagcctt caaccctgaa agtaaggagc tgtagatct 120
gggtggmattc cacgaacgaa attcagactc tgctgggctc ctctgtagag tggctccacc 180
ccagtgatct ggcctcagac aactactggt gagcaagccg gacccat 227

<210> 29718
<211> 453
<212> DNA

<213> Homo sapiens

<400> 29718

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tgttaaagga	aagggcatga	tttttaacta	taaaaactta	tataatgtga	ataaaatctt	120
cataacgtaa	gcagtacctc	aaagtaaata	atgtaatgat	aagcacttta	taactattaa	180
ctcatttaat	acttaaaaca	cacaatgaca	tgtctcactg	ttgttctggt	ttattgttga	240
gagaattgag	acagagaaag	gttatttgac	ttgcataggt	tccttcaggt	ggcttacgtc	300
gagccaggat	ttggatccaa	ggtaatctgt	agcattgggc	tgcagtgcac	ctggagggtt	360
aagtttagta	atccataaat	cgtgtatttc	catcacttat	tttactaaga	gcaaatacatg	420
ttcaccccta	tcctttaaag	agaagtgcag	cac			453

<210> 29719

<211> 164

<212> DNA

<213> Homo sapiens

<400> 29719

cagtccttat	ggaaagatgg	catcaaaaaa	gatagatcta	tatatatata	taaatatata	60
ttctattaca	ttttcagtga	gtaattttgg	atthttgcaag	gtgcattttt	actattgtta	120
cattatgtgg	aaaacttatg	cwgawttatt	taaargggga	cgga		164

<210> 29720

<211> 287

<212> DNA

<213> Homo sapiens

<400> 29720

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atatttcccc	atgtgaatga	gaaatatact	actttccact	tgtctagtgc	ttttgcatgg	120
ctttgagaag	aatgatttca	tttgamtyc	acaagaaatc	ttgtatgagt	tttacaaatg	180
aggaagccag	gttccagaga	aatacacata	gctatcgga	gtagcatttg	caagctgctt	240
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<210> 29721

<211> 129

<212> DNA

<213> Homo sapiens

<400> 29721

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tttctaagac	taggtcagac	acagtggctt	acacctgwaa	tcccagcact	ttgggaggcc	120
aaagctgga						129

<210> 29722

<211> 170

<212> DNA

<213> Homo sapiens

<400> 29722

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ttgggcaaaa	gtgcggagac	ccagctgtta	acacctgctt	gaatctaatt	ggtgagaaac	120
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<210> 29723

<211> 148

<212> DNA

<213> Homo sapiens

<400> 29723

tatgtatgtg catttggtat catgggccgt ggaacagaat atatgttgga cctctgaaaa	60
gttgtaaggg gccaatctta agtattcttc acggcagcca gaagttaatg gtggtagcag	120
ctgaggtatg gttgttggac gaggccgc	148

<210> 29724

<211> 328

<212> DNA

<213> Homo sapiens

<400> 29724

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atgatctctt aactcatgaa aactacagag gtagaaattg gatgccatgt tgaaaaacta	120
tggaaaayta caghgagaag tcaacattaa gtatgtttta agtgggcaac ttctatttaa	180
aagtttaaac acttaaaaaat gaaaaagttt acattgcttc atagtadgaa aaaattacct	240
gaatcagtaa gatgggttat tgaaattaat atatacaggt cactataaat accaagtttt	300
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<210> 29725

<211> 118

<212> DNA

<213> Homo sapiens

<400> 29725

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gaagacattt atgcagccaa cagacacatg aaaaaatgct caccatcact gaccatac	118

<210> 29726

<211> 176

<212> DNA

<213> Homo sapiens

<400> 29726

agatacatca agcaataata aactagatgt gcaataatct tgtcgagtag tatgtgctgg	60
ttttggaaag gtgaaaagaa aattgttaca tcaggctgct tttatcaagc taagcatggg	120
catgcctttc caaagggtat atttgattcy wacagttaat tttaacatcg ggctgc	176

<210> 29727

<211> 206

<212> DNA

<213> Homo sapiens

<400> 29727

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attctacttt attaccagc tcttgcccyt ttkgggcttt agaggagaag agggggagat	180
tgacaggaca agtggaatg gtgggc	206

<210> 29728

<211> 277
 <212> DNA
 <213> Homo sapiens

<400> 29728
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 catgggtggga atatttacac catggacatt aacaaatact ataagtcaag gttgtttttt 120
 tctcacagcc agttgctaaa catttaatta gcatamcmac tgcccagacat ccattttcat 180
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 aatttctark gtctgttcca ttgctttaat ggcccct 277

<210> 29729
 <211> 182
 <212> DNA
 <213> Homo sapiens

<400> 29729
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 aagatcatcc cctaccacc caaggacaag acagcagtgc tgccggaata cgaggccctc 120
 aagggcctgc gccaccgca cctggcccag cygyaccgca gcctacctca gccccggtc 180
 gc 182

<210> 29730
 <211> 303
 <212> DNA
 <213> Homo sapiens

<400> 29730
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 tctcctccac tttctctttg ttttacctgt ttttggttaa ccttttactt aggctatgga 180
 ttatcactat aagattaaga ctaaaagaaa aataggagga cagagctaac aggggtggtta 240
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 gca 303

<210> 29731
 <211> 149
 <212> DNA
 <213> Homo sapiens

<400> 29731
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 gggtgccagt ggaagagga aggcaggcga gtgtttacgg cctgacttgg gaggccggcg 120
 gatcagcaat tgcagaagma ggcagcggc 149

<210> 29732
 <211> 161
 <212> DNA
 <213> Homo sapiens

<400> 29732
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 cctgtctgca ttaaaaatac tagagattag gccaggcaca gtgactcaca cctgtaattc 120
 cagcactttg ggagaccgag gcgggtggct cacctgaggt c 161

<210> 29733
 <211> 140
 <212> DNA
 <213> Homo sapiens

<400> 29733
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 atcaacccgt catctagggt ttaagccctg catgcactag gtattgggtcc taatgctctc 120
 cctccccttg cccctgccaa 140

<210> 29734
 <211> 238
 <212> DNA
 <213> Homo sapiens

<400> 29734
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 gaacgggtcac aaacagtcaa gtgctcctgc ttccctgggc aggtggcagg caccacgcga 120
 ggctgctcca tcatgtgtgg atgcttcaat agtggaaacag aaatgggtgt gccatatgca 180
 gccatgtcta gagggagaag aatgtaaagt tcttcggat cggaaggat ggagcttt 238

<210> 29735
 <211> 379
 <212> DNA
 <213> Homo sapiens

<400> 29735
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 cctgggkgtc tgcgttttgt gggtgaccag gtagagaggt acagataatg gaaacctgca 180
 gtttaggagg gatgtcaaga ttaaaggcag aaagctagac ttcattgtta tatgtgtgca 240
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 aaagtgaata atcagagac 379

<210> 29736
 <211> 124
 <212> DNA
 <213> Homo sapiens

<400> 29736
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 gcaacaagag caaaactctg tctcaaaaaa acaaaattaa aaaaagtaaa tgatttaggg 120
 gaac 124

<210> 29737
 <211> 436
 <212> DNA
 <213> Homo sapiens

<400> 29737
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ggtcggaaac	aaggaaaatg	aagatgctga	tactatttac	aagcagctgt	aggttctaaa	180
accggatgaa	ttatggaagc	atattatgag	tttggaatgc	aattttttct	ttagtatttt	240
cagtgatgtt	acttatttga	aacccttaga	attacattga	agaagtaaac	tttgcaactt	300
gattccttga	ccacagttat	atattattatt	tattttattta	tttattcatt	tattttgaga	360
cggaatcttg	ctctgttgcc	cagactggag	tgcagtggcg	tgatcttggc	tactgcaac	420
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<210> 29738
 <211> 191
 <212> DNA
 <213> Homo sapiens

<400> 29738	
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ctggaagtca	cttgccagca
tagtccagtt	ttattacatg
tggaatacca	cagaccggta
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aagctgctga	agcagacagc
aaactgaaac	aggtctacat
tcccaccttt	t

<210> 29739
 <211> 140
 <212> DNA
 <213> Homo sapiens

<400> 29739	
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ctagtttgac	atccttgga
tttgcttggc	ttgttcatgc
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<210> 29740
 <211> 215
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 <213> Homo sapiens

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gtgcatttaa	ctgctttctt
catccatgac	gacattccca
ccatgggggg	tcttgacaaa
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<210> 29741
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 <212> DNA
 <213> Homo sapiens

<400> 29741	
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tatgacaggg	catattcttt
gcttccaara	tttggggttg
gggcactagg	gggtcagagc
ctggcagaat	tgacagcttt
agtctgacat	aatctaaggg
tatggggcaa	ggatcacatc
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<210> 29742
 <211> 414
 <212> DNA

<213> Homo sapiens

<400> 29742

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gkraaaggdk	twagcctgtg	ctgacagctg	gggaaagagc	attccaggca	gagggaccac	180
caatgcagaa	agacttttgt	cttggaatgt	gcttggtgtc	ttcagtgaac	aagcagaaaag	240
gcctgttttg	ctggagtagt	gagtaaggga	gtagtaatam	aaattagggtg	gcaacacagc	300
aaaagtatat	tcagaacggt	ggagtgtctg	aatcmcttaa	gttgtcctcc	aatgtgaagg	360
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<210> 29743

<211> 187

<212> DNA

<213> Homo sapiens

<400> 29743

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tgaatatttt	tgatcctgtg	gttggttgaa	tccacagatg	tggaaccac	agatatgggg	180
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<210> 29744

<211> 452

<212> DNA

<213> Homo sapiens

<400> 29744

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aaaacggggg	ggatgtgcca	tcaccagggt	ggacatgcc	ggtgttctgc	gtcttagaga	180
cccttdgccc	atgctcccca	agctcgggga	gtaaaactgg	gctatcccc	gtcagggcgg	240
caccctggtc	accagccaaa	cctcagtata	ctccctcccc	tccttccttg	tctgaacgct	300
aggatctgct	cctgaagctc	caggatgcct	gcacttccac	tgagaagctg	ctggcdnatg	360
ttggactaga	ggaaagaaga	aggcarggtg	gractgatgg	gctcagtggg	gragcagggc	420
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<210> 29745

<211> 143

<212> DNA

<213> Homo sapiens

<400> 29745

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<210> 29746

<211> 123

<212> DNA

<213> Homo sapiens

<400> 29746

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<210> 29747
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 29747
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<210> 29748
 <211> 61
 <212> DNA
 <213> Homo sapiens

<400> 29748
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<210> 29749
 <211> 118
 <212> DNA
 <213> Homo sapiens

<400> 29749
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<210> 29750
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 <212> DNA
 <213> Homo sapiens

<400> 29750
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 aaggtaaatc ttcattatat gaaggagaga ggagaacctt aaactcttaa cattttcttt 120
 tgtttgaaga aatactaaca gtgaatagcc caggtgcatt ttgatgggtt ctcaattgca 180
 gaagttattt taccctggtc cc 202

<210> 29751
 <211> 104
 <212> DNA
 <213> Homo sapiens

<400> 29751
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<210> 29752
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 <212> DNA

<213> Homo sapiens

<400> 29752

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gacaggtcgt	ttttaaatct	ctctttgaca	gtctccagaa	agtaggggta	gacctcccc	180
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<210> 29753

<211> 148

<212> DNA

<213> Homo sapiens

<400> 29753

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<210> 29754

<211> 173

<212> DNA

<213> Homo sapiens

<400> 29754

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<210> 29755

<211> 148

<212> DNA

<213> Homo sapiens

<400> 29755

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<210> 29756

<211> 311

<212> DNA

<213> Homo sapiens

<400> 29756

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ttatggaata	taatcttcat	cacataatct	aaaaattgtt	aatagacatg	gtaagggtact	180
ggtatttgct	tttcataata	gatgtgttct	ttagaattgg	ggtataaatc	gtttttat	240
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<210> 29757

<211> 158

<212> DNA

<213> Homo sapiens

<400> 29757

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<210> 29758

<211> 373

<212> DNA

<213> Homo sapiens

<400> 29758

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gaggattgct	tgagtcgagg	agttcgagac	caatctgggc	aacatagtaa	aactccatct	180
ctacaaaaat	acaaaagtta	gccaggcatg	gtagtgcaca	cctgtagtct	cagctacttt	240
ggaggctgag	gtgggaggat	tgcttgaacc	cgggtagccg	aggttgcggt	gagctgagat	300
cacaccactg	cactccagcc	tgagcgacag	agtgaagacc	tgtttcaaaa	caaaatatgt	360
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<210> 29759

<211> 216

<212> DNA

<213> Homo sapiens

<400> 29759

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aaaagaagtt	ttgtcaaaat	acaaaaatat	aaagaaatga	ctgaaagttg	ttgacaggct	120
ttttaagaaa	taattattct	aattgttttt	gtttgtttgt	ttttgccttg	tdmactagcg	180
ccaaggaact	gcagcaaata	aactccaact	ctaccc			216

<210> 29760

<211> 56

<212> DNA

<213> Homo sapiens

<400> 29760

cacaatgttt	aaaagtgaca	gtaattcatt	ttgtaaacta	aaaaaaaaaa	aaaaaa	56
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<210> 29761

<211> 156

<212> DNA

<213> Homo sapiens

<400> 29761

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<210> 29762

<211> 169

<212> DNA

<213> Homo sapiens

<400> 29762
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 actgctgcgc tccggggaca gagtgaact ctatcaaaaa aaaaaaaaaa 169

<210> 29763
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 <212> DNA
 <213> Homo sapiens

<400> 29763
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 aatatcaaaa tttatgatgt taatataatt agactcttag agaagagaaa ctgac 175

<210> 29764
 <211> 233
 <212> DNA
 <213> Homo sapiens

<400> 29764
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 caccgcaccc agccagaaac tcctgttttt aaaactatca gatctgggtga gactccttca 180
 ctatcataac agcgcaggaa agaccctgcc ccataattca gtcaccccc acc 233

<210> 29765
 <211> 192
 <212> DNA
 <213> Homo sapiens

<400> 29765
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 gaggggttga ccagaagatc atcttccagc tctgagattt tgtgataatc tccatcataa 180
 catgctgcaa cc 192

<210> 29766
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 <212> DNA
 <213> Homo sapiens

<400> 29766
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 atccttgact 130

<210> 29767
 <211> 202
 <212> DNA
 <213> Homo sapiens

<400> 29767

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 gggtcagggt tctaacaggt cacctggcaa tgcagtgatt agaagaaact tcatggaaga 120
 gatggggcta gtgtcttaaa gggagwagaw atgaattggg agaacagagg aaattcagtt 180
 caaacataga aaaaggaagc ct 202

<210> 29768
 <211> 208
 <212> DNA
 <213> Homo sapiens

<400> 29768
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 cccaaatgta aattccatca tcatcttgat catgatgggg ttactcctg ggaaagggag 180
 tttttaaaaa agagagagag agagagct 208

<210> 29769
 <211> 104
 <212> DNA
 <213> Homo sapiens

<400> 29769
 aagagaaaag ctttagagaa gagtttagct gccaggggct tttttctgta actcacagtg 60
 atgaggcaag ggaaggctag cgcagaccag gagacaggcc cccc 104

<210> 29770
 <211> 122
 <212> DNA
 <213> Homo sapiens

<400> 29770
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 aagaaaaagt atgaaacaag ctaaaagtaa gtttacttta gaaaacttct ctcactcac 120
 ac 122

<210> 29771
 <211> 108
 <212> DNA
 <213> Homo sapiens

<400> 29771
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 cagggatggg ggcgcgcgg cggccgcgga gcccggggac cccgccca 108

<210> 29772
 <211> 102
 <212> DNA
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<400> 29772
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<210> 29773

<211> 451
<212> DNA
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<400> 29773
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aaatactata ataggaataa tatgaattaa acaaatacag agggggtaaa aatcccactc 300
acaattactt gtctnntatc accctttgtt gattacattt acactgcgaa ttgttatattt 360
cacattggta ttattaatgt gcattttgaa actataacat taatttgatg aatcaaattt 420
tattagttca ggtcattatc ttttttcccc t 451

<210> 29774
<211> 271
<212> DNA
<213> Homo sapiens

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ctagtgtatg ttttaacacct ttttaaataat gtggtaaata tccctctttt attttttaga 180
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<210> 29775
<211> 201
<212> DNA
<213> Homo sapiens

<400> 29775
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tgaacattct gtgatctatt ctgaaagata tgacaatttc tattctctaa ttttcttgcc 180
tagagtgtga cagggtgaac g 201

<210> 29776
<211> 268
<212> DNA
<213> Homo sapiens

<400> 29776
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tctattatga atactgctgc catgaacata cacctgaatg tgtctttata atagaaaaat 180
ttatattctg ttcggtatat acccagtaat gggattgctg ggtcaagtga tatttctgtc 240
tttaggtctc tgaggaatcg ccacaccc 268

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<212> DNA
<213> Homo sapiens

<400> 29777

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ccaggtttat	ccttagtcta	actgcaaggg	atagaacctg	ccctagggtca	caatcattct	180
gtccaatcca	gccaaaggttc	cctccacata	tgaagatgga	ccatggcagg	atacaactga	240
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<210> 29778

<211> 365

<212> DNA

<213> Homo sapiens

<400> 29778

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ggcgtgggca	gtagctctcc	tggatctctc	tctttccttg	aggagatcaa	cttgtaaaaag	180
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catgtggttg	cagtggacat	ggaaagtaaa	cactgctata	aacagagaat	aataaattgt	300
aagaaagcac	cagaatatcc	ttcttgcttg	aactttgaat	cattagatcc	aaacattccc	360
cctca						365

<210> 29779

<211> 227

<212> DNA

<213> Homo sapiens

<400> 29779

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ctaaaggatc	aggatgatgg	tagaacggag	atctgggttt	cagagctttc	ccatttaaga	180
aaaatagatc	ttgagattct	gattcttttc	caaacagtcc	cctgtta		227

<210> 29780

<211> 216

<212> DNA

<213> Homo sapiens

<400> 29780

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aaacaacttt	atcaactagg	gtagagtgcc	tgtcttttct	ttcttttagtc	ttacatatct	120
cactcatttc	caaaggtcag	caccttattc	ctacgtcccc	tgtgatgagg	ttgtttcata	180
catttggaat	atagtttagc	tttttgcgc	agtctg			216

<210> 29781

<211> 332

<212> DNA

<213> Homo sapiens

<400> 29781

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gaatttgaat	gtaaaataca	acaatgataa	aagtagggat	tatactcgac	ctgatcttcc	180
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332

<210> 29782

<211> 152

<212> DNA

<213> Homo sapiens

<400> 29782

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ggagtgcagc attgcaatcc tagttcacca cc	152

<210> 29783

<211> 286

<212> DNA

<213> Homo sapiens

<400> 29783

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cattgagccg agattgtgcc attgccctcc agcatggggg acaagtatga gactctgtct	180
caaaagtaaa taaataatta atttaattaa ttaaaataaa ggtagtgtca gggtagtcat	240
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<210> 29784

<211> 403

<212> DNA

<213> Homo sapiens

<400> 29784

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caaagtcact aacacaacac acattcaaga agtggggggtc atgggccaag caccatggct	120
catgcctgta atcccagcac tggttgaggc tgagacaggc agatcatctg aggtcaggag	180
ttcgagacca gtctggccaa catggcgaaa cctcatctct actaaaaata caaaaattag	240
ctaggcacag tggctgtgcc tgtactccca gctactcggg aggctgaggc aggagaatca	300
cttgaacctg ggaggcagaa gttgcggaga gctgagatca caccactgcc ctgcagcctg	360
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<210> 29785

<211> 258

<212> DNA

<213> Homo sapiens

<400> 29785

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cagaagacaa agccagggtga gggctggaag cgggctaggg ggatcaagct gcctccctcc	180
cttgtgtgcc aggggtgggtc cccagaagga gctgatctga acaggncgga gagtaggacc	240
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<210> 29786

<211> 301

<212> DNA

<213> Homo sapiens

<400> 29786

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gaaatgaaaa	ggtactgcta	atgtgggcca	scgdccagcc	ctgaraggcc	atctgacgaa	180
gaggaaaagg	gatttgagtc	cggagggcgc	trrcctgggt	gccaagcaa	ggaaagaaat	240
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<210> 29787

<211> 262

<212> DNA

<213> Homo sapiens

<400> 29787

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ttattgtatt	canttcacat	attttcttag	aataacttga	attactaatg	accccttccc	120
tttccctcct	gctgccctgt	ccaccckctt	tccccttcta	acatccttag	agggatgaaa	180
tctcagcata	tggtgcagga	cacaaaaagg	aagaaaacaa	tawgcaadt	aaaataaaca	240
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<210> 29788

<211> 321

<212> DNA

<213> Homo sapiens

<400> 29788

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gaaagtgaga	gccttccctc	ttcctcacia	actcctaagt	accctgagag	caataggact	180
cctgttaaag	cctcctcagt	ggaggaagaa	gatagctttt	ttcggcaacg	aatgttctct	240
cctatggaag	agaaggaact	tctttcaccc	ctcagtgagc	ctgatgacag	gtaccactt	300
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<210> 29789

<211> 186

<212> DNA

<213> Homo sapiens

<400> 29789

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tccgcctcaa	aatatataca	tataaaataa	aataaaaaat	aaagcttatg	agaaattaac	180
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<210> 29790

<211> 348

<212> DNA

<213> Homo sapiens

<400> 29790

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gacttttcgg	ttccccgccc	cgccagggtg	cggggcmwaac	taggcstccg	ggcatccccg	180

gtctcaagta	ggcctcatct	gccggcaagg	gygcccga	cgcgaggagc	gcatgtcgc	240
tggttgctta	cgccagcagc	gatgagagcg	agccggatga	ggctgagccc	gagccggagg	300
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<210> 29791
 <211> 260
 <212> DNA
 <213> Homo sapiens

<400> 29791						
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gcaagaaacc	tgacaatatt	gttgctttct	tcaaaagtaa	tttgactga	tctcattttc	180
agtttaagta	actgctgtta	cttaagtgat	tgcacttttc	tcaaattgaa	gtttaatgga	240
ataatagttc	tcaggatagt					260

<210> 29792
 <211> 142
 <212> DNA
 <213> Homo sapiens

<400> 29792						
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<210> 29793
 <211> 389
 <212> DNA
 <213> Homo sapiens

<400> 29793						
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catgawtcct	gggactattg	taggggttgr	ctgccctcat	cctgttcctg	gtagcactgc	180
tggctcgtgt	cctcgtcaaa	agaaaaccac	cccgggaccc	actgttctat	gtgtatgcag	240
tttttgsatt	taccagcgtg	gtgaacctca	tcataggact	ggagcaagat	ggaatcattg	300
acgggtynat	gacacactac	ttgagagagg	gtgaaaccgt	atctgaamac	cgcatatggg	360
cacatgatct	gctactggga	tggctctgc				389

<210> 29794
 <211> 94
 <212> DNA
 <213> Homo sapiens

<400> 29794						
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<210> 29795
 <211> 262
 <212> DNA
 <213> Homo sapiens

<400> 29795
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 ttgtagaatt aaggaccta agcctaata agttggcaat aaacagtga gtgtggctgc 180
 caagagtttg ctattagaaa gtctgtgttc aggttccgcc ttgtgcattt ggatcagcta 240
 tttcactttt ctaggccctt ac 262

<210> 29796
 <211> 258
 <212> DNA
 <213> Homo sapiens

<400> 29796
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 actcytttaa aaaaagaagg gggagaagaa agattgcaac cactccctgt tggagaggcg 180
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<210> 29797
 <211> 416
 <212> DNA
 <213> Homo sapiens

<400> 29797
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 ttttacttgc tgtaggagaw gccagtggca cctaggtgct ttgctgctgt taacgctgct 180
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 gccctgaaca gtcagggagc taacaaactg tagctcactg tccagcttct ctaatagaag 300
 tctctggttg tttgttgagc ctgtaagggc aaattcaaca atgtttgtga taaatatcag 360
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<210> 29798
 <211> 168
 <212> DNA
 <213> Homo sapiens

<400> 29798
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 aaatattaac ctaaggttca agctgggaga gagaaatgac tgagaact 168

<210> 29799
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 29799
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 ccccagtat tggwcaggcc tgggtggcatc acgtttttca catcyccgca tctggaccct 180
 gcncaaagca aggctgatct aggcagtctc attgctggag atgactgtca gctgctttct 240
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catctvcaag gcatgaatmm ttaggtaggc atmhtggaag gcactcattg taccctccaa 360
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<210> 29800
<211> 171
<212> DNA
<213> Homo sapiens

<400> 29800
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cgttttccaa cagtggaact ttgggggaca tgttcaaacc acagcaccac c 171

<210> 29801
<211> 204
<212> DNA
<213> Homo sapiens

<400> 29801
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tccaaatcca aagccagtct ctcaagttgt aatggctcaa agagcagtga ccacaatggg 180
tcatacagta gggacccacc tcct 204

<210> 29802
<211> 410
<212> DNA
<213> Homo sapiens

<400> 29802
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tcggrgcwt agcccttctt ccctaagcag ctctgaaggc agttcttctt cttcttcctc 180
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gggctaccag cctgagtatt ccaagttctg ccgcatgank aaybaaggna tccagctcag 360
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<210> 29803
<211> 447
<212> DNA
<213> Homo sapiens

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acaaaagggt aaaatwagca gcacatataa ttttttttta atttatgatc cattttgtat 180
ggtctcaaag ttggatgacc tcattactaa tatttgttgt aaaagtgaat cttgtttgcc 240
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taatcagtct ttttattttt ctgcctttt tttctttctg ttttcaatac ataaactttg 360
ctaactcctt gtggcccaaa tgagccatgc aaaagaaatc aatctgccta gatgaataag 420
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<210> 29804

<211> 201
<212> DNA
<213> Homo sapiens

<400> 29804
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aargtgwgag actccatgcc ccgtctaccc aggaccggg aaagctctca gcccagctg 180
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<210> 29805
<211> 191
<212> DNA
<213> Homo sapiens

<400> 29805
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tatcaccaat aagaccgagt cactgttggg aggtccttac caacaggggg ctcaacttca 120
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gagaagtgag g 191

<210> 29806
<211> 228
<212> DNA
<213> Homo sapiens

<400> 29806
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accggggcgg tcatacatcg attggcttcc tagataatag atcgtgccac ccggtaggga 180
cctctgggga cgcgccggga gctggaagag tcgcacgcag cagccctc 228

<210> 29807
<211> 79
<212> DNA
<213> Homo sapiens

<400> 29807
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ttagtattgt ggcgggggt 79

<210> 29808
<211> 59
<212> DNA
<213> Homo sapiens

<400> 29808
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<210> 29809
<211> 104
<212> DNA
<213> Homo sapiens

004220" 666T560

<400> 29809

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<210> 29810

<211> 316

<212> DNA

<213> Homo sapiens

<400> 29810

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ttacatctta tccagtgtaa acatttttagt taataatata tacattactt catcttatac	180
ttattttacta acagtgttta gtgaaaggct atctttactg taaaatttcc ctccaaaaac	240
aggggctttt atgcaagctg cagattgttt agcaccttct taagagattt tacaccctg	300
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<210> 29811

<211> 415

<212> DNA

<213> Homo sapiens

<400> 29811

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acacaggcac acagagactt attcaaaaga tcatagaaca ctctccccta tgtcttacga	180
ccccaccagc agtgttctgt gtaatagtag attacagttg aaatagctgt aagacaccaa	240
ttctctcaga ggagtactta ggggaagtcct aagtcaagag cagaaacaaa agacactaga	300
ggaatttggc atttctggtg cctctagtaa cagcaaaaca ttaaacaag cccaattcct	360
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<210> 29812

<211> 217

<212> DNA

<213> Homo sapiens

<400> 29812

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aaaaaaatat taaaaattac ttctgaaatt ctggctggaa tagaagtgcc acttaccagg	120
taaggaaggt tggagacata acatatttga ggggtgtgtc aaaagatgag tttgacatta	180
tgctatgtca tataaaagac atataaaaga ctaccaa	217

<210> 29813

<211> 217

<212> DNA

<213> Homo sapiens

<400> 29813

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htgwagcacg atgcttctga aagaaccggw caaaaagtcc acacgctgtg tgattccatt	180
catamcaacg tccagactag gccagtcctg acagaca	217

<210> 29814

<211> 83
 <212> DNA
 <213> Homo sapiens

<400> 29814
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 tgtgtgttcc cagctaactc tat 83

<210> 29815
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 29815
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 cataghgtwa ctctgtaagc tatgtctatt ttaattttta atttttattt attattattt 180
 gagatggagt ctcgctttgt tgcccaggct ggagtgcagt ggtacagtct caactcactg 240
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 tacaggcact tggccaccac gcccggtctaa ttttt 335

<210> 29816
 <211> 252
 <212> DNA
 <213> Homo sapiens

<400> 29816
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 cctgggggaa ttcacccaaa cttgccatcc tgaaatggtc tccagagtag agtgactccc 180
 agtagagtga ccaactatcc caatttgcct aaactgagga agttccctgg atgtgagagt 240
 tttggggcca gt 252

<210> 29817
 <211> 331
 <212> DNA
 <213> Homo sapiens

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 ccatgttatc caggctgac ttgaactctt gggctcaagc aatcctccca tctcagcctc 240
 ccaaagtgca aggattacag gcatgagcca ccacatttgg cttgtctctt taaaaagtca 300
 tccatcaaca cctgtgaaaa gaaggggggt a 331

<210> 29818
 <211> 256
 <212> DNA
 <213> Homo sapiens

<400> 29818
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ccagcagtcg tgrmggtggg ggamtccmmg gaaggaggac tacggggttg acgagatatg 180
acacctaagg aattcccctg cttcagctcc tagctcagcc actgactgcc cctcctgtgt 240
gtgcccattg ccctgt 256

<210> 29819
<211> 185
<212> DNA
<213> Homo sapiens

<400> 29819
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taaattaatc aatacacata atatttgaac acagtactct ggtacttttag tagatcatgt 120
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tgcat 185

<210> 29820
<211> 104
<212> DNA
<213> Homo sapiens

<400> 29820
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ggaaggaact cccctggtac ccttttaaaat tacacacccc cata 104

<210> 29821
<211> 86
<212> DNA
<213> Homo sapiens

<400> 29821
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gttatgttag tctttttttt cgactt 86

<210> 29822
<211> 156
<212> DNA
<213> Homo sapiens

<400> 29822
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atatgtttct aaccacagag aatttcatat atatatacat atatatacat acatacatat 120
atatatatat atgtatgtat aaratttcac agggcg 156

<210> 29823
<211> 54
<212> DNA
<213> Homo sapiens

<400> 29823
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<210> 29824
<211> 333
<212> DNA

<213> Homo sapiens

<400> 29824

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attgtgawcc tttgtaaacg acttttcatt ggcatatctg tagcgttggt taatacagtt	180
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ttggaattgt ttaagccagc tgattgagat tcacattcac tttccaaaat actgctattt	300
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<210> 29825

<211> 103

<212> DNA

<213> Homo sapiens

<400> 29825

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<210> 29826

<211> 145

<212> DNA

<213> Homo sapiens

<400> 29826

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<210> 29827

<211> 169

<212> DNA

<213> Homo sapiens

<400> 29827

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cagttagctt gcagccaaat gtccaggtgg tttagtttcg ttggataca cactgtaaaa	120
tgaawgktgg aagccrgggc tcaaaacagc ctagggaatt aggcctat	169

<210> 29828

<211> 177

<212> DNA

<213> Homo sapiens

<400> 29828

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<210> 29829

<211> 166

<212> DNA

<213> Homo sapiens

<400> 29829
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tagcactgaa aatcctgcat cccaggaaac cgttctgccc catcaaacca ggatgggttg 120
tgattcggkt tcttgatgck ctsatggcwkw wgattcatgg gctcgg 166

<210> 29830
<211> 103
<212> DNA
<213> Homo sapiens

<400> 29830
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gttatttccc acggattcct gtttttccag aaacgtgtgc acc 103

<210> 29831
<211> 157
<212> DNA
<213> Homo sapiens

<400> 29831
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ttttggaatt tccacatcga cagttacgtc atctgca 157

<210> 29832
<211> 125
<212> DNA
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<400> 29832
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gcgct 125

<210> 29833
<211> 200
<212> DNA
<213> Homo sapiens

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cattgaagaa gagcattgta caagaagcat ttaacccttc tctcaaattt tgcttcttca 180
gaggcaagga ctgctccacc 200

<210> 29834
<211> 183
<212> DNA
<213> Homo sapiens

<400> 29834
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cttgttttct ttgatgcagg aagggttgta tttgaatggg tctattaagt tgatggattt 120
tacgctatca gtaagattct ccagtgtctg atgaaacgtg aaaaagtata tatagcaccg 180

gcc

183

<210> 29835

<211> 71

<212> DNA

<213> Homo sapiens

<400> 29835

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aggtagaggc	a					71

<210> 29836

<211> 398

<212> DNA

<213> Homo sapiens

<400> 29836

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agtcattctgt	gtgtttttta	ggccagccac	ttgtccctgt	tgaggcctgg	ctatggaamt	120
waawwccagk	gtggghcstt	gcctgtcctt	caaaatcaac	aacagattgt	ctctcggctc	180
caggagggtg	tcatttctat	agaaattaga	agctttctga	tttctagatg	aggttttaca	240
attgtttctt	asagtcattgt	gcactaagta	ctctttttgt	aagcagaggt	ggctggctct	300
gcagccttaa	ggccattttt	taagtcacca	cgtctagaag	tcacatgaac	tctgctcagc	360
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<210> 29837

<211> 77

<212> DNA

<213> Homo sapiens

<400> 29837

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<210> 29838

<211> 204

<212> DNA

<213> Homo sapiens

<400> 29838

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tcgtgtggta	ggtaaaagaa	ggtgctgact	ccggattccc	aaactgactc	agctgtttta	120
tcaaaasca	agcaaatcat	tctggaaagt	tattgggaac	agggaacag	aggggcatcg	180
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<210> 29839

<211> 100

<212> DNA

<213> Homo sapiens

<400> 29839

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<210> 29840
<211> 239
<212> DNA
<213> Homo sapiens

<400> 29840
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gattaggarg tccccaaatt taaaaactat aaagattttg taacttcaaa agacagaaaa 180
ataatgattt atggcaaaaa ttggcaaaat gtctgctggc taaatccage tcaccacct 239

<210> 29841
<211> 306
<212> DNA
<213> Homo sapiens

<400> 29841
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ctacttttgr agacatrtaa gmttacagat aataataaat gtgactagtc tcttggtagt 180
aaaagtttga gtataaatcc tcattttctc ctcggttcta ttttggttca ttatgatgta 240
tcttgctctc tcagattttc agttgttaag aaabdttttt ctaacctgaa tcacttgga 300
caaaaa 306

<210> 29842
<211> 94
<212> DNA
<213> Homo sapiens

<400> 29842
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cctcctcccc gtcccttca cccccacccc gcc 94

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<211> 99
<212> DNA
<213> Homo sapiens

<400> 29843
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<210> 29844
<211> 204
<212> DNA
<213> Homo sapiens

<400> 29844
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catagcaggg agaagccctt ttgcgacttc aacatcttga cactctcagc agagcytcgc 120
tgwcgaagtt gagagacttt tgcgtttgtt ttggcagaag ctgagtttca gtcctaggac 180
ggcctcagca cacttgatcc cagt 204

<210> 29845

<211> 241

<212> DNA

<213> Homo sapiens

<400> 29845

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taatgttgaa	agatgctagg	aaaaacactt	ttagaataag	aagaaacggt	tcctaacaaa	180
ataaaacagt	ttattgaaaa	cataattaac	cttgaatctc	tgcattcttt	gagtatacga	240
c						241

<210> 29846

<211> 121

<212> DNA

<213> Homo sapiens

<400> 29846

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m						121

<210> 29847

<211> 425

<212> DNA

<213> Homo sapiens

<400> 29847

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taaargcctt	ctattttttag	tagagattat	atgattttca	taataaacat	agcccatctg	180
gctttacatc	tttaacaaat	ttgtgtcata	tcagtttttc	agatttaagc	acttttttgc	240
ttaacttgcc	aaacttaaaa	caagtctagt	tgaaaaactt	tgtgagaaag	aactgggcaa	300
aatgtcagtt	gatttccaca	agctagtttt	ccttgtacac	ttacaaagac	cataaaaatt	360
aaagaagtag	wtgtcactat	gtanggctga	aatgtttact	aaacttcagg	gctcctattt	420
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<210> 29848

<211> 241

<212> DNA

<213> Homo sapiens

<400> 29848

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aaggagagtc	ctcaattatg	tttcagtccc	aacacatttt	tgatgaagaa	tgtataagct	180
ctgctttggt	cataccatgt	tctctacagt	gggctttaaa	tgatttcagg	ctatttccta	240
a						241

<210> 29849

<211> 297

<212> DNA

<213> Homo sapiens

<400> 29849

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ggaaactcag	aatcactct	tgctgcaa				269

<210> 29855
 <211> 202
 <212> DNA
 <213> Homo sapiens

<400> 29855						
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gccatacctt	gaagcacagt	gtttgtacat	aagtaaatat	cttgattcta	aattaaatcc	120
agatttaact	aatatatatt	atTTtatatc	tttgttgtat	taaaatgttt	aamaacacta	180
aaaataaarc	attgamagt	ct				202

<210> 29856
 <211> 372
 <212> DNA
 <213> Homo sapiens

<400> 29856						
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tgatcttgcc	cattttacag	ggaagtatgc	tgaagttag	aaagagtaca	tgacttgccc	120
agggtgagcc	actggactct	tgccagaact	acggtgcaag	ccccattgtg	tggtgcaga	180
ttgtagtctg	ttaaccggac	cctccactgc	ccttgctgtg	tgaagagtaa	ctctatgaat	240
gaacatagtg	agttttttat	tttgtttaga	agaaatacat	aagaaccagc	caagcctggt	300
agctgaggcc	actttctggg	ttggaaacat	ttctaggctt	tagcttaatc	agaagtaaaa	360
cagagaggag	cg					372

<210> 29857
 <211> 106
 <212> DNA
 <213> Homo sapiens

<400> 29857						
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<210> 29858
 <211> 269
 <212> DNA
 <213> Homo sapiens

<400> 29858						
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gggcggaytt	cccccttgct	gttctcatga	tagtgagttc	tcattgagatc	tgtttgttta	120
aaagtgkgt	acacttcccc	cttcaactctc	tttcttcttc	tctggccata	taagacatgc	180
ctgcttcccc	ttcacttct	gccatggttg	taagtttctt	gaagcctccc	agtcattgctt	240
cctgtatagc	ctgcagaact	gtgactcgt				269

<210> 29859
 <211> 186
 <212> DNA
 <213> Homo sapiens

<400> 29859
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 tgtgccctgt agatcttttt wgaaatattt tctcttaata tattaaattt ttatattttc 180
 cgactc 186

<210> 29860
 <211> 124
 <212> DNA
 <213> Homo sapiens

<400> 29860
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 ggattgttat cttgagccac acaccagcat agattacaaa caaatcaaag cttataatgt 120
 aaaa 124

<210> 29861
 <211> 95
 <212> DNA
 <213> Homo sapiens

<400> 29861
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 ttgggatttt gatattgagt taaatttgta gatga 95

<210> 29862
 <211> 155
 <212> DNA
 <213> Homo sapiens

<400> 29862
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 tctgamccaa gattctttga aactatacca cgtac 155

<210> 29863
 <211> 244
 <212> DNA
 <213> Homo sapiens

<400> 29863
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 ttaaaatttt gataaatgca ttgaaaacct ttcaagaaaa attataccaa ttgacatccc 180
 taccaacgca gtatgaggaa acgcattcct cgtgtcctcc caaccatgac ttatcctgca 240
 tgcg 244

<210> 29864
 <211> 121
 <212> DNA
 <213> Homo sapiens

<400> 29864

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 aaaaaaggaa aaaaaagaca aaagcaagtc cccccgtacc ccagaaagca gagaaggcgt 120
 c 121

<210> 29865
 <211> 260
 <212> DNA
 <213> Homo sapiens

<400> 29865
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 caaattgtag tgctgaaaa cactcttaag ctgattgtct taacaaaatg aaagtctctc 180
 aaagacaaaa cagaacaatt attataataa aataattatg gttgaaatgt ctgtgggttc 240
 ttggaaatgc tgcgtcttc 260

<210> 29866
 <211> 252
 <212> DNA
 <213> Homo sapiens

<400> 29866
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 atggtaaagt tgttttggac ttgtttttgc tcagcatgaa gttttatatg ctgcatttta 180
 ctaattccat atttaacat atttttaata caaaagaaca ttagagtata gatcatgtga 240
 aatgaagggc gc 252

<210> 29867
 <211> 205
 <212> DNA
 <213> Homo sapiens

<400> 29867
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 tacctcagrr catttkcayg ttacttgtag gtatcataaa atatcacact tgtcaccacc 180
 ttgaaaatat agtagacttg cacat 205

<210> 29868
 <211> 180
 <212> DNA
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<400> 29868
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 gagaaataat gttttctttg catgatcctt aaggaagctg acctgggttac aactcatgaa 120
 ttgggacata attttggagc agaacatgat ccggatggtc tagcagaatg tgccccgta 180

<210> 29869
 <211> 438
 <212> DNA
 <213> Homo sapiens

<400> 29869

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aagtggctgg	ggactacagg	tgcgtgccac	catacctggc	tagtttttgt	attttttagta	180
gagacgggat	ttcaccatat	tggccaggct	ggctctgaac	tcccgatctc	gtgatctgcc	240
cgccttggcc	tcccaaagtg	ttgggattat	aggcgggagc	caccgcaccc	agtctaatta	300
ttttcttttag	aggaactggg	tattattttag	tcaaaacttg	ctatcaaaat	agtttttcat	360
ccaagtttaa	tgataaaaat	aacagatatc	cattgtctgt	tttctgtctt	gtctgccttt	420
acagtgcctc	aatttcct					438

<210> 29870

<211> 252

<212> DNA

<213> Homo sapiens

<400> 29870

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gctgagccga	aatataagaa	taatataatt	gtgcttcgag	ttgggtgttc	tttcagtgtg	120
atgcatgcag	tggtcacaac	ccagttactc	ataatatttg	gattgtattt	gttcgtagat	180
atgccagaa	gactagagaa	ttagtgttat	ataccatata	gaacttactg	tcagtcaact	240
ataaacaggc	cc					252

<210> 29871

<211> 342

<212> DNA

<213> Homo sapiens

<400> 29871

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gagcagctct	gttttccttc	tacttcccct	cttctttcac	atctcatgac	caagcacttc	120
ctattctgtc	tcccaaatga	tcacagactt	tttctccac	ttttgtcact	gccactgccc	180
ttagcattac	tctgccttta	gagaaagtct	cttaattggg	ttgggtgcdt	ccttcagtct	240
ttattataca	gaccactaca	cgcacatctg	acagagactt	ttcacctttt	tatgggttgaa	300
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<210> 29872

<211> 177

<212> DNA

<213> Homo sapiens

<400> 29872

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cacttatgat	cttcttgggt	caggttccat	agaagcagag	cctgagatgg	tggaggctct	120
tgtggagatg	atatactgaa	ggataactcc	caggagaagg	gagcaagga	agcagct	177

<210> 29873

<211> 129

<212> DNA

<213> Homo sapiens

<400> 29873

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tgatgcagga	agaccacatg	cgtccttgcc	ttttaaacct	gttcctgact	gttctcttac	120
tgccgaacg						129

<210> 29874
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 29874
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 maataagtca ttctccctct tct 143

<210> 29875
 <211> 367
 <212> DNA
 <213> Homo sapiens

<400> 29875
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 aaaatgcttt atgcacatta tttttctggt aatgcttcac tagtcactgt cgctgtcctg 180
 gagctgattg aaattgggtca gtttcccata agagcaaagt gtttttggtt tcctttttca 240
 gggaaataga tttctgtgat gaaagaagtg aagtataata aaaccctcat gctttgacct 300
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 gggcttt 367

<210> 29876
 <211> 130
 <212> DNA
 <213> Homo sapiens

<400> 29876
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 tatgttccca 130

<210> 29877
 <211> 302
 <212> DNA
 <213> Homo sapiens

<400> 29877
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 tgtaaatggt ttgttgctag ataatacgat ttgagacctg aattggtctt tggtttccag 180
 tgcattcacag catattttgt aaaatcatct actactgcac ttgagcatga atgggtagta 240
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 ga 302

<210> 29878
 <211> 150
 <212> DNA
 <213> Homo sapiens

<400> 29878

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 gatggcaaag acaataaaca agagccatct aagacatgga atgtkattat gacctatttg 120
 ttaaagaaag taagaaattt ccctgatgac 150

<210> 29879
 <211> 121
 <212> DNA
 <213> Homo sapiens

<400> 29879
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 gggaatgat tatcaataat tcccacaaaa tcagcaagac caatctgccc tgcaccagag 120
 t 121

<210> 29880
 <211> 315
 <212> DNA
 <213> Homo sapiens

<400> 29880
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 ttaaaccta taccaagtaa ttcctgaaga tttggaagaa tggattatga tccttcacag 240
 taaaaacaaa atacaggaag ataacacagc aatcataatt aacagaaaga aagaaattca 300
 acctctccaa tgaat 315

<210> 29881
 <211> 364
 <212> DNA
 <213> Homo sapiens

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 gaccactgtc ttttgcttgg tctccacttc ttttaaggaa atatctttgg aaatggcaat 120
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 gtacttgagt tcatactcta tctggtagtt gagecgttag gactgcttag ctaaatagat 240
 gctctgttgt ttgaaaagtc cacctacccc tatttctgtg gcgggctggg cactgttttg 300
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 atca 364

<210> 29882
 <211> 117
 <212> DNA
 <213> Homo sapiens

<400> 29882
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<210> 29883
 <211> 83
 <212> DNA
 <213> Homo sapiens

<400> 29883
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aatactctac tttttctttt tct 83

<210> 29884
<211> 167
<212> DNA
<213> Homo sapiens

<400> 29884
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cccagctacc tgggaggctg aggcaggaga atggcgtgaa cccgggaggc ggasttgcca 120
gtgatccgag atggcgccac cgtactccag cctgggcaac agagcga 167

<210> 29885
<211> 137
<212> DNA
<213> Homo sapiens

<400> 29885
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ttatgagatc agtaattaat cctgagagaa ctctgaccat gggatgtttg gaatggaagc 120
cagattgamm aggggca 137

<210> 29886
<211> 425
<212> DNA
<213> Homo sapiens

<400> 29886
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ngatttgtgt ttttattctt agtgacatag gaggcattag cgagttttga gcatagctgt 360
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ggtat 425

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<211> 123
<212> DNA
<213> Homo sapiens

<400> 29887
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tgcagagaag tacccaaagc ataaaaacac aacacgtttt cacaaagcga acacagccat 120
gga 123

<210> 29888
<211> 223
<212> DNA
<213> Homo sapiens

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 tggccggcat ggaggagtcc catctctact aaaaatacag aattagccaa gtatgggtggc 180
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<210> 29889
 <211> 141
 <212> DNA
 <213> Homo sapiens

<400> 29889
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 cgtgarcaac tgcggmaggc c 141

<210> 29890
 <211> 204
 <212> DNA
 <213> Homo sapiens

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 aagcccatgt atacgagtgc cagtattgcc agcccaccta tatgctggga ataacattag 120
 aagccacact ctcttctaca cacaaattcc tcctctctga gtttaaaaaa ataccagtat 180
 tatttcgcat ccwaaatcat tcaa 204

<210> 29891
 <211> 230
 <212> DNA
 <213> Homo sapiens

<400> 29891
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 tcccggttca gbgattccta tccccaggnc cgctggagc cgagtgctt gctgcggcgc 180
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<210> 29892
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 <213> Homo sapiens

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<210> 29893
 <211> 346
 <212> DNA
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 acggggtttc accgtgttga ccaggctggt ctogaactcc tgnccctcagg tgatctgccc 240
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 aataacagam wattaggagg actaaataag acatrwacc caaagc 346

<210> 29894
 <211> 304
 <212> DNA
 <213> Homo sapiens

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 acctttgagt gtaaaactaag gtagactact ttgggaatga gaacatgcaa aatcaggaaa 180
 ggctgtagaa ggaaatatac cttaacaggc tgatttgagg tgagccagam naaaaataa 240
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 aaaa 304

<210> 29895
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 <212> DNA
 <213> Homo sapiens

<400> 29895
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 atatatkytt atatttatar kcagtaaatg tatacttaat cagctttttt tcacttgata 180
 ttttcttgca tcccaaaact aatgacactt gatcaggcca cttagctttca cctaactgct 240
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<210> 29896
 <211> 370
 <212> DNA
 <213> Homo sapiens

<400> 29896
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 ttgtattcca atatacgtat gattggggct acaaagctga actaaagcaa gattggtgaa 180
 gygncagggt ttatagagag aagcccaggc tgagttcagc ttttgttgga agtgagaatc 240
 cctgacatat agctttcttg gagatcccaa ctctcattct tggtgcaact ggcttcacgc 300
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<210> 29897
 <211> 157

<212> DNA
<213> Homo sapiens

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gatgwccttt caatagatgn wtgadaaawc acaccak 157

<210> 29898
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<212> DNA
<213> Homo sapiens

<400> 29898
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ggctcctagg cagccggdv 79

<210> 29899
<211> 229
<212> DNA
<213> Homo sapiens

<400> 29899
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aatattgcaa ataacataaa atcttaaaat aattccaagc tgagtcttct agattgagca 180
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<210> 29900
<211> 447
<212> DNA
<213> Homo sapiens

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atgtacatca taatgttctt tgagtaw 447

<210> 29901
<211> 256
<212> DNA
<213> Homo sapiens

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ccctccttgg cctcac 256

<210> 29902
 <211> 185
 <212> DNA
 <213> Homo sapiens

<400> 29902
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 cscat 185

<210> 29903
 <211> 202
 <212> DNA
 <213> Homo sapiens

<400> 29903
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 tcaggacact gtgatgattg cgtaactac acaaattggt tgtaaagcat ctgtgtttaa 180
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<210> 29904
 <211> 201
 <212> DNA
 <213> Homo sapiens

<400> 29904
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<210> 29905
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 ttaacacccc actgtcaata wtagacarga ycaatgagac agaraattaa caaggctatt 180
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<210> 29906
 <211> 195
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 <213> Homo sapiens

<400> 29906
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<210> 29907
<211> 205
<212> DNA
<213> Homo sapiens

<400> 29907
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ccagcacttt gcgargcgag gmgggraggmt catgagggtc aggagmtcag grccatcctg 180
gctagcatgg tgacacccca kccca 205

<210> 29908
<211> 186
<212> DNA
<213> Homo sapiens

<400> 29908
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agtaattgtt gttttgtctt tgtaattaca gacatatcaa gtggatttga agcccaatgg 180
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<210> 29909
<211> 205
<212> DNA
<213> Homo sapiens

<400> 29909
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ttttaactgc cttctgattt tttcttaatt cataaaagat tggatggaa aactatgcta 180
atttatttnc ttaaaaggga gtgcc 205

<210> 29910
<211> 83
<212> DNA
<213> Homo sapiens

<400> 29910
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<210> 29911
<211> 420
<212> DNA
<213> Homo sapiens

<400> 29911
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ggctgaacat gtgggcttga atttgggtac ttccccgctc tggaatgata ctggatcctg 180
tgtaagaat ctttactgaa tctttgatct tgccctctcc actgggccct tttcacttct 240

gaatacacac	atdddggddd	acdtgctcct	aggtdaatat	annaaaccaa	caagcaaacc	300
aaactcctac	cacttattca	acatatcttt	tctgtgttct	tttdgttggt	gttagtdttt	360
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<210> 29912
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 <212> DNA
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	aacttttttc
	agatactttc
	tggcccaat
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	120
	180
	229

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 <211> 110
 <212> DNA
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atggcaagaa	aatgtgttaa
	catttccagt
	agtttttttt
	tttttttttt
	60
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 <212> DNA
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agtctcatat	gccttccagg
actgagagaa	tggaaatgact
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	act
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	240
	300
	360
	420
	443

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 <212> DNA
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gggcgagctg	gtggagtcca
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tccaggacaa	ggcaagctat
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	180
	240
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	360
	420
	440

<210> 29916
 <211> 443
 <212> DNA
 <213> Homo sapiens

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 ttggagagac ccatgcagat atggggagaa tgtgcagact ccacacggac agttgccctg 120
 gctggcaatt gatttttttc tcatcaacat tatatgaaac agcattgagt gaaactgtgn 180
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 caatttctaa cctgcatttc ctgtatccga cagctctcaa ggctaaacag tacaaaaatg 300
 gaaaaagaga agtggattaa gttaaccaga gtatcattgt atcaagtctc acttacaat 360
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<210> 29917
 <211> 294
 <212> DNA
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 gaggagcatt atggatcctg ggagaatact gtagtacaa ggaagacatt cagagtgtga 120
 tgactgagat ccgcagtcct ttggagagat cccaattgta gagtcagaaa taaagaaaga 180
 agctggtgaa ttaaaacctg aagaagaaat aactgtaggg ccagttcaga aattgggttac 240
 tgaaatgggt acctatgcaa ctccagagtgc ccttagcagt tctagacca ccga 294

<210> 29918
 <211> 434
 <212> DNA
 <213> Homo sapiens

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 tatctcctaa ttttttgtat tgattacatg ttgaaatgtt aacattggaa atattgggtt 180
 aaagaaaaat acacaattaa aatgaatctt ggccaggcgc agtggctcac gcctctaate 240
 ccagcayttt gagaggccag ggtgggcagg tcacctgagg tcaggagttc gagaccagcc 300
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 gaggaggctg cagt 434

<210> 29919
 <211> 417
 <212> DNA
 <213> Homo sapiens

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 ccgtgtacct ttttcaagtg ggcagcactc aactcaatct ttcccaccc 169

<210> 29925
 <211> 166
 <212> DNA
 <213> Homo sapiens

<400> 29925
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 acattcttga aggtggcatt gaagagcact aagatcgga gatgagtga cttgaccagt 120
 tacggcagga ggccgagcaa cttaagaacc agattcgaga cgccga 166

<210> 29926
 <211> 181
 <212> DNA
 <213> Homo sapiens

<400> 29926
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 ctgttgaaac ccaccctata tgtaaatatg agccctttcc cttatctctc caaaagcagc 180
 c 181

<210> 29927
 <211> 208
 <212> DNA
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<400> 29927
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 tactaaccct tctaacctca gccctgtaaa gtgtagtatg atttcaaact ctttcctgta 180
 tacacatata cacacacaca cacacact 208

<210> 29928
 <211> 110
 <212> DNA
 <213> Homo sapiens

<400> 29928
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 cataatgacc acttttggtg ttgtttttat tattaataaaa aattatcttt 110

<210> 29929
 <211> 158
 <212> DNA
 <213> Homo sapiens

<400> 29929
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gtgttatcca gaaatgacat ttggaagatt cccaggagtt cttgcatatt gcctgttttg 120
tatttgtctc attgaaacat atttttgaaa ggagcggc 158

<210> 29930
<211> 299
<212> DNA
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<400> 29930
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tggaataaca taattattac aagaactact tattaagtac ccacaaaata acaggtaatt 120
tctgaatatt gtgtatttgt watcatattt cattttcata aaaattcttg gagaaacttg 180
ttgtgttctc ttttatagat aaagaaacta aggtacagag agctgaagag acatgcccac 240
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<210> 29931
<211> 199
<212> DNA
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<400> 29931
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gccttaactt cctycgcggg ggccmagcca ccttcgggag tccgrttgc ccacctgcaa 180
actctcgcgc ttccgcacc 199

<210> 29932
<211> 398
<212> DNA
<213> Homo sapiens

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<210> 29933
<211> 129
<212> DNA
<213> Homo sapiens

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<210> 29934
<211> 203
<212> DNA
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<400> 29934
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 gattacaggc atgaaccact gtgcccggct ggttgaacat tcttatatag aatttatatt 180
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<210> 29935
 <211> 105
 <212> DNA
 <213> Homo sapiens

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<210> 29936
 <211> 204
 <212> DNA
 <213> Homo sapiens

<400> 29936
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 aaaaaaaaaa aatcttacca tgtt 204

<210> 29937
 <211> 203
 <212> DNA
 <213> Homo sapiens

<400> 29937
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 gattamaggc atgaaccact gtgcccggct ggttgwwcak kcttakatag awtttatatt 180
 tatktttctaa acaaatggac gaa 203

<210> 29938
 <211> 110
 <212> DNA
 <213> Homo sapiens

<400> 29938
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<210> 29939
 <211> 381
 <212> DNA
 <213> Homo sapiens

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acagtatttt	gatttagaaa	tctacagcac	aggtagaatg	gaaaaggtaa	tgatattatg	300
aaattganat	tcagctgtta	tagttttatt	aactgaatta	ttttcatgta	ctcttataga	360
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<210> 29940

<211> 295

<212> DNA

<213> Homo sapiens

<400> 29940

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aatagcacia	actgttaaag	tagaggagga	agggccaggt	gtgggtggctc	acacctgtaa	180
tcctagcact	ttggggaggcc	aagggtgggta	gatcacgagg	tcaggagatc	aagaccatcg	240
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<210> 29941

<211> 73

<212> DNA

<213> Homo sapiens

<400> 29941

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<210> 29942

<211> 107

<212> DNA

<213> Homo sapiens

<400> 29942

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<210> 29943

<211> 215

<212> DNA

<213> Homo sapiens

<400> 29943

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gaatcarttt	cmtggtasat	tatgctgarh	aacagtgaga	tgttattgga	gggtgtggatg	180
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<210> 29944

<211> 117

<212> DNA

<213> Homo sapiens

<400> 29944

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<210> 29945
 <211> 180
 <212> DNA
 <213> Homo sapiens

<400> 29945
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 cacttcgcat tccttacctt gtttacttct cacagcagcc ttgtgtgggc tccattttac 120
 agatgagcaa atggaggcar aaatggtgcc cagaaagtca ccaaggtgtc accgctactt 180

<210> 29946
 <211> 69
 <212> DNA
 <213> Homo sapiens

<400> 29946
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 tatcgcgct 69

<210> 29947
 <211> 141
 <212> DNA
 <213> Homo sapiens

<400> 29947
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 cccctccccc cttctccagg agccaggggg tgactggaga gacagacca ccccaagca 120
 gggctcctct cccagggat c 141

<210> 29948
 <211> 289
 <212> DNA
 <213> Homo sapiens

<400> 29948
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 ttacaaaagg aatatagaaa aatctttctg ctaaaaactt gtgggggagg tgttcacctt 120
 tgctaggtat tattttatat cataattatt aattattcda agattcatat tactatgtat 180
 taatttgtgt caatcagttt gttcacattc acaatactgt atacgtaata cagtttccaa 240
 tttctccaag tagattttga aattttgtta gtaacataat caagaacca 289

<210> 29949
 <211> 88
 <212> DNA
 <213> Homo sapiens

<400> 29949
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 tgagtttggg ctctamacca ttggagat 88

<210> 29950

<211> 241
 <212> DNA
 <213> Homo sapiens

<400> 29950
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 ccacattctt agcctaaggc atttcattct ttatgatata aaatgatggc tatcaaatga 120
 ttttccatac attgtactga tcaagttata caccacaggg tatatacact ttcttcatgt 180
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 a 241

<210> 29951
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 29951
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 tggcattcct gccttgacgc cttttctcca gtgaggrdtg aacagtgggc acctgagatc 180
 ctggccacgc ctactatgct ttcaggctac aaccacacac ggctgacgat ggccctttct 240
 gcgagagacc agtcacacat ctaccgagct ctgcgtactg cttctggcgc tgmhgccac 300
 cttgtggccc t 311

<210> 29952
 <211> 133
 <212> DNA
 <213> Homo sapiens

<400> 29952
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 ctgcttcatt tccaccagag ttctgaaggg tatagccagc cctggggttat gttggagttg 120
 taaagtgaca tgt 133

<210> 29953
 <211> 375
 <212> DNA
 <213> Homo sapiens

<400> 29953
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 atctttccat tttttgaggt ctanncaatc tcttttatca gtgtktccta attctgatta 180
 tagagatctt tcacatcttt gnttcaagtt gattcctacg tatttcactt tatttgtggc 240
 tgttgtaaatt gggattactt tttgcatttc tttchnnsaa ttgttcagtc agcatacagg 300
 aatgatactg atttttgtat gttgatttta catcttgcaa ctttactaaa tttgtttatc 360
 agttctaaca gtttt 375

<210> 29954
 <211> 122
 <212> DNA
 <213> Homo sapiens

<400> 29954

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 ga 122

<210> 29955
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 29955
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 taatagtaaa tataattgcy ktwttaaaat ttcttccata tccatgtttt ttaaaggctc 180
 aatttttaaa ttattttaata aggtgaaata gtatggttta atggctaaaa acatgggctt 240
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<210> 29956
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 <212> DNA
 <213> Homo sapiens

<400> 29956
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 aatatctcac tgtgggtttt ttggggggga tggagtctcg cactgtcgcc caggctggag 120
 tgcagtgatg caatctcggc tcaactgcaat ctccacctcc tgggttcaag cgattctcct 180
 gcctcagcct cccaagtatc tgggacgaca ggtgcgtacc accatgcctg gtttaatttt 240
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 ctcatgatct gcnnagctcg gcctccaaa gtgctgggat tgcaggcgtg agcaccgcgc 360
 tcggcccntc aannk 375

<210> 29957
 <211> 80
 <212> DNA
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<400> 29957
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 aactgttatt tttttttttt 80

<210> 29958
 <211> 140
 <212> DNA
 <213> Homo sapiens

<400> 29958
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 tgaaattttc caagtcagtg 140

<210> 29959
 <211> 374
 <212> DNA
 <213> Homo sapiens

<400> 29959
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gactttattc wwtccttaca ataaatcatc ttgcttctgg gtgtatttgg gggtggagggt 180
tgggtagttg tcagaaaatg acaatgggtat attttcaagt agtgctgaag gtgttttttag 240
aacagaagaa acttggtgga actgtcttgc tacagagtag gcatgctagg ctttgttttt 300
gcattacatt ctgatgaggt ctgtgacatt ttatggtaca ctgttagcat agtggtgdhg 360
aacattagcc cgac 374

<210> 29960
<211> 127
<212> DNA
<213> Homo sapiens

<400> 29960
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gttgaaccag atctttattc tgaaaattgc tattttactt tgtaaaacat atacatttaa 120
cagaatt 127

<210> 29961
<211> 111
<212> DNA
<213> Homo sapiens

<400> 29961
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tcaggcctat caagttttct acaattcttt ctgttgaac atcgaccga a 111

<210> 29962
<211> 200
<212> DNA
<213> Homo sapiens

<400> 29962
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cctcctggaa ctccccagc ctacaacctt ggaggtgcag ggactgaggc tcaggccaaa 120
atcgcaamtc agacccagc gaaccgaagd cctgaagaga atttgattc attaccttg 180
twttgtgggg actggagaga 200

<210> 29963
<211> 85
<212> DNA
<213> Homo sapiens

<400> 29963
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aatgaaagaa taactggcct gacat 85

<210> 29964
<211> 127
<212> DNA
<213> Homo sapiens

<400> 29964

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 ctctttttat ggatgcagaa agtgaagcac agacagggtg aataactttc tcaaaatcac 120
 agaacga 127

<210> 29965
 <211> 264
 <212> DNA
 <213> Homo sapiens

<400> 29965
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 aaagagccca acagtgaaaa tgtagatata agcagtggag gaggcgtgac aggctggaaa 120
 gagcaaatgc tgctgagcma ttctcctggt ccatcagttg ccatccacta ccccgttttc 180
 tcttcttgct gcaaaataaa ccactctgtc catttttaac tctaaacaga tatttttgtt 240
 tctcatctta actatccaag ccam 264

<210> 29966
 <211> 203
 <212> DNA
 <213> Homo sapiens

<400> 29966
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 ttatttagta taaccctccc tgacaattca cccaggttg tcccacatcc ctccacatcc 120
 atttgccccg ccatectttg gccctttccc ctgtncctt aacaccatct ttctttctgt 180
 ctgggatccc gctcccctgc cct 203

<210> 29967
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 29967
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 gcaggagagc ctagtgcagg aggaccattt gagcccakaa gtttgagacc agtgygggca 120
 acatagttag accctatctc tatttaaaaa ataaatttya aaaaataaaa attttaaaaa 180
 gtaagtcatt cctgtcccaa caaggagaaa ttggaaggaa caaaggggtc accattccaa 240
 gcaagcttga aatccagcag gggaaattcc attaggtttc aaggcctgag aataatctc 300
 wrkggtcac gnnbcctgcc ctctgggacc acagagactc catcagcccc tgcctctagg 360
 cctgcctaa 369

<210> 29968
 <211> 155
 <212> DNA
 <213> Homo sapiens

<400> 29968
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 aatttacagt tggctatgct ttcttattgt gcatactatg aaatgttttt cttcaaaaag 120
 tgtttawmag tggwaagttt aagaatggg accgr 155

<210> 29969
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 <212> DNA

<213> Homo sapiens

<400> 29969

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aaaccygtgt wtgrwgctta gamagggggc ccccggtta 99

<210> 29970

<211> 195

<212> DNA

<213> Homo sapiens

<400> 29970

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gaagtttgaa carrgcttca tcacggaccc tgtggtgctg agcccctcgc acactgtggg 120
cgatrgtgck dgaggccaaa gatgcggcat ggcttctctg gcatcccat cactgagacg 180
ggcaccacgg gcagc 195

<210> 29971

<211> 89

<212> DNA

<213> Homo sapiens

<400> 29971

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<210> 29972

<211> 55

<212> DNA

<213> Homo sapiens

<400> 29972

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<210> 29973

<211> 286

<212> DNA

<213> Homo sapiens

<400> 29973

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ccaccatcga ttgtgcagcg ctttgattt cttcagttc tccaggtcca mctggaaagt 120
atagttggcc agtttgaaagt ctctcaaatr aaggggctac tgggagtget cttggttaaca 180
atcatgatgt gaatgggtgt gaacgatact tggctatgtt aagtgccttg tccgcacctt 240
gcttttatct ctagagacat gaagttatta ttaatttttt tttttt 286

<210> 29974

<211> 200

<212> DNA

<213> Homo sapiens

<400> 29974

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catttttaggg aaatttttaa aagagaatac ttaattggg cttccctcaa aagtcacaga 120

gattttctaag hscaccaagg ttgcggtggt ctgcgtatgg tgcgtcgcta aacttgattg 180
cctcaagtcc acaatcagca 200

<210> 29975
<211> 178
<212> DNA
<213> Homo sapiens

<400> 29975
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agcctcgga ggcgcctgga ggacgtgctg tggctgcagg aggtctccaa cctgtcagag 120
tggcyshagy cccaggcctg gsmcctgagc cgggtcccct tccgcaagcg cccgccga 178

<210> 29976
<211> 208
<212> DNA
<213> Homo sapiens

<400> 29976
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aataaataca gaaatgattt tgatgattct ccatttctcc cacaagaaca aatagcacia 120
ataagggaaa aaccgtgtga atgtaatgag catggcaaag ccttttagagt gtcttcaagc 180
cttgctaacc atcaagtaat ccacactg 208

<210> 29977
<211> 188
<212> DNA
<213> Homo sapiens

<400> 29977
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aatgaattgt gaatatatat aagaataaat ttttgtaagt gtacattatt tcataaactt 120
gaagaaaagg tttttattac attttatgtt agtattattt ttattttcct acactatata 180
gacgtcag 188

<210> 29978
<211> 146
<212> DNA
<213> Homo sapiens

<400> 29978
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aggtgcgcgc tctcccctag ctccgggcgt ggagctgggt ctccgcggcg ggcgccggct 120
actgcagggtg ctggcacctg ggctcc 146

<210> 29979
<211> 120
<212> DNA
<213> Homo sapiens

<400> 29979
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caktggattt attaattgtt aaggatgatg actcttgaag tgtgtaattt ggcgtacccc 120

<210> 29980
<211> 136
<212> DNA
<213> Homo sapiens

<400> 29980
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ctctatgcct tataact 136

<210> 29981
<211> 94
<212> DNA
<213> Homo sapiens

<400> 29981
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aacacacaca cacacacaca cacacacaca caca 94

<210> 29982
<211> 401
<212> DNA
<213> Homo sapiens

<400> 29982
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tattcatgga ttaatggatc aataggatat catgggaatg tnnntgataa cttgataaga 360
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<210> 29983
<211> 321
<212> DNA
<213> Homo sapiens

<400> 29983
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ataaaatgtg watgttctta atgatccagc aactggctgt acccctgtct ctctactcc 180
tgagacacaa caatattgaa attagtccag tcagtaaccc taaaatggcc tctacatgtt 240
caagtgaag gaacaatcac acgtctctct ggaaatgaaa agctagaaat gatgaagcat 300
agtgaggaag ctatgttgaa a 321

<210> 29984
<211> 214
<212> DNA
<213> Homo sapiens

<400> 29984
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tgaatattgt gaaaatggca gtaatcatag ctgttgatta ttatttgtca aatgccccca 180
ctgacgttat ggcacacaac cctacttta tta 214

<210> 29985
<211> 74
<212> DNA
<213> Homo sapiens

<400> 29985
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ttaaggata tctc 74

<210> 29986
<211> 439
<212> DNA
<213> Homo sapiens

<400> 29986
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caccagattt tttatkacat catttgaaaa ttagcagtat gcttaatgaa aatttgttca 240
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ttattccaaa attgcttagt caccatgcag tgtctgtaat ttttatatat gtgttcatat 360
atacatartg attataatac ataataaaga atgaggtggw attacattat dvctaataat 420
agggataatg ctgtttatt 439

<210> 29987
<211> 253
<212> DNA
<213> Homo sapiens

<400> 29987
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catgdyccaa grgaatwwta twattggacc tgtttascct tgataatgac ctttcttata 180
aacttcggta gcatcact gtttcattat tttttgcaa aggttaagta gcatctcaca 240
agccaagatc att 253

<210> 29988
<211> 144
<212> DNA
<213> Homo sapiens

<400> 29988
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cagcggagag acaagatgga gcacatgtag tctgtgtgcc tggtcacaca caggcctgcm 120
tgcaagtagc aaagcagctc tcaa 144

<210> 29989
<211> 129
<212> DNA
<213> Homo sapiens

<400> 29989

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aagcggggct	gtctggctcg	gttacgcccc	cacctcgcca	ggaatctagg	agtcgggttg	120
ttttccgaa						129

<210> 29990

<211> 123

<212> DNA

<213> Homo sapiens

<400> 29990

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ttc						123

<210> 29991

<211> 309

<212> DNA

<213> Homo sapiens

<400> 29991

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atcctctttt	aaaaccaa	tttttttdct	tctggcctwc	aagtattttt	tttttaaaaa	180
agaaaaaaag	cctacattgg	catcaagttc	tgtatcaatc	catcttacat	tgmmtatccat	240
gatttaacag	actgtagaat	cttgaataat	ctatatcact	tnnacaaata	aatgtttttac	300
tatgacaga						309

<210> 29992

<211> 376

<212> DNA

<213> Homo sapiens

<400> 29992

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aaattaatat	aaattccagg	acatggtaaa	atgtgtttta	awaaccccma	gacccaaatg	180
aaaatttcaa	agtcaatacc	agcagattca	tgaaagtaaa	tttagtccta	taattttcag	240
cttaattata	aacaaaggaa	caaataagtg	gaagggchkc	tattaccatt	cgcttagtca	300
aaacattcgg	ttactgccct	ttaatacact	cctatcatca	gcacttccac	catgtattac	360
aagtcttgaa	cccgtc					376

<210> 29993

<211> 135

<212> DNA

<213> Homo sapiens

<400> 29993

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tgctgcacag	acttttaa	ctggaaagct	gtaaatgcag	aaacttaagt	atctgggagg	120
tgctgctta	gcagc					135

<210> 29994

<211> 184

<212> DNA
<213> Homo sapiens

<400> 29994
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cttcaccagg tgtggattct atctcatgaa accactttct ttgctcatcc ataaaaagca 120
acccctcatc tgtttttagtt tgatcattta gtttgacgca attcagccac atcttcakgy 180
tcca 184

<210> 29995
<211> 154
<212> DNA
<213> Homo sapiens

<400> 29995
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aatgggtcaa aatataacat tgcatgggga tggtttattt acattgtaaa ctgagtatca 120
ctggccctgt gtagctgtgt gccaaaaggb angr 154

<210> 29996
<211> 117
<212> DNA
<213> Homo sapiens

<400> 29996
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cctatgagtt gtgatttctg ccttttcccc ttctmmttg ggctaagcca gaccaga 117

<210> 29997
<211> 154
<212> DNA
<213> Homo sapiens

<400> 29997
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acaggcaagt tcaaaatact caggagggg cgr 154

<210> 29998
<211> 168
<212> DNA
<213> Homo sapiens

<400> 29998
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ccytctwaa ggctcgctct cctcactgty tcccatcgc ccttaacc 168

<210> 29999
<211> 118
<212> DNA
<213> Homo sapiens

<400> 29999

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<210> 30000
 <211> 123
 <212> DNA
 <213> Homo sapiens

<400> 30000
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 aac 123

<210> 30001
 <211> 149
 <212> DNA
 <213> Homo sapiens

<400> 30001
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 ttttaggaaa atgyctttca aaattgcc 149

<210> 30002
 <211> 76
 <212> DNA
 <213> Homo sapiens

<400> 30002
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<210> 30003
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 <212> DNA
 <213> Homo sapiens

<400> 30003
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 gtaaggcagc gct 193

<210> 30004
 <211> 216
 <212> DNA
 <213> Homo sapiens

<400> 30004
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 accatnaagg gaawgcwran caaacarawc aaaggtgcat tgtaaatgtg cagacctgta 180
 tcctgtccct aaggaaagtt aattaattcc ccagcc 216

<210> 30005
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 30005
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 tgdctggdgc ttttgaaacw gatttttagta aagcattttc cagaggtara actgtgtcct 180
 tattctaatt ttattcctag ggcaaagtag acagggatta tttccttgaa tctatttcca 240
 aattaatatt tttttctttg gtattttctac actttaaggs satttggttg caatttagaa 300
 agtgttggcc tmmmttccgc ct 322

<210> 30006
 <211> 73
 <212> DNA
 <213> Homo sapiens

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 gtggttgacag tca 73

<210> 30007
 <211> 321
 <212> DNA
 <213> Homo sapiens

<400> 30007
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 acatttgtgt acattgagaa gtatagcaat ctatgtaaat gtaatcctca gtgaggttcc 180
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<210> 30008
 <211> 119
 <212> DNA
 <213> Homo sapiens

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<210> 30009
 <211> 282
 <212> DNA
 <213> Homo sapiens

<400> 30009
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 gtractggcm aggcagggga mcacctgatc tttggtgtta aaagacctga ataacattcc 180
 tgtarckatc kgttattkac ttgggccagt tacaatcgcc attatcttcc aattaaaatt 240

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282

<210> 30010

<211> 236

<212> DNA

<213> Homo sapiens

<400> 30010

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grdadggcaa htcgatcaka tgtatttcat gggcagactc tggctgagaa tgtgctgtgt	180
cctttggaaa gaggagagca gagcaaacta cttctctccc tcccctctcc ccctct	236

<210> 30011

<211> 64

<212> DNA

<213> Homo sapiens

<400> 30011

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<210> 30012

<211> 114

<212> DNA

<213> Homo sapiens

<400> 30012

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cttcccagaa tcttgtaacc attaactttt acgtctgtag tacacagagc cagc	114

<210> 30013

<211> 210

<212> DNA

<213> Homo sapiens

<400> 30013

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gaatagactt atagatcaat tttaatattt gacttataga attttatgac actaaatgga	120
waattgtaaa gttttragt gggacccatt ttgtaagaca ttcaggctat aaacaaggta	180
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<210> 30014

<211> 95

<212> DNA

<213> Homo sapiens

<400> 30014

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<210> 30015

<211> 333

<212> DNA

<213> Homo sapiens

<400> 30015

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gtcccawtcy	taaycaacca	atataggctg	ggcatggtgg	ctcacgcctg	taatcccagc	180
actttgggag	gctgaggcag	gcggattacc	agaggttggg	agttcgggac	cagcctgacc	240
aacatggaga	agccctgtct	ctgctagaaa	tgcgaaattg	gccgggcgtg	gtggcacatg	300
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<210> 30016

<211> 321

<212> DNA

<213> Homo sapiens

<400> 30016

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caataatagc	tgtgctaatt	ataagagcta	tgtgtttgtg	tgggcttcac	ctgaattgcc	120
tcactttacc	ttccctatcc	aagtgtttga	agttgggagg	gaaggcatta	taggtgctta	180
atcaatgacg	gctggataat	attaataata	aaagaatgaa	aacaggaatg	gtgagcccat	240
gcttgctggg	cacattcttt	gggggttcaga	ggctccgtgc	tgggtcactg	gtccagtctt	300
atttaacact	aagggaacgc	a				321

<210> 30017

<211> 103

<212> DNA

<213> Homo sapiens

<400> 30017

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<210> 30018

<211> 120

<212> DNA

<213> Homo sapiens

<400> 30018

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ctccagggat	cccagacatc	ctcccggctc	cctagagccc	tcccctgttc	tcagccccgc	120

<210> 30019

<211> 151

<212> DNA

<213> Homo sapiens

<400> 30019

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ttgtactatt	gaagacacag	acaggatttt	taaatgtaaa	tctatittttg	taactttgtt	120
dcsggattaa	akttcycctw	watrtagcac	t			151

<210> 30020

<211> 448

<212> DNA

<213> Homo sapiens

<400> 30020

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gcatttgctt	gtctgtaaag	gattttat	cttcttcact	tatgatgctt	agtttggtg	120
gatatgaaat	tctgggktmg	aaaattcttt	tctttaagca	tgttgaatat	tggtccccac	180
tctcttctgg	cttgtagtct	gatgggcttc	gctttgtggg	ttacctgacc	tttctctct	240
ggctgccctt	aacattgttt	ccttcatttc	aaccttggtg	aatctgacaa	ttatgtgtct	300
tggntttgct	cttcttgagg	agtatctttg	tggtgttcyn	ngtattdccw	gaatttgaat	360
gttgctcctg	cttgctaggt	tggggaagtt	ctcctggata	atatcctgaa	gagtattttc	420
caacttgggt	ccattctccc	tgtcactt				448

<210> 30021

<211> 129

<212> DNA

<213> Homo sapiens

<400> 30021

aagagaatgt	tctgggatag	cagactgcct	ggctttctgc	ccacctgctg	aatgccctgc	60
acgtgttcgt	gatgaagatg	tttgcbtcgg	ggcctgcccc	cattgcbcbag	ggtaccaa	120
agcytkgvs						129

<210> 30022

<211> 355

<212> DNA

<213> Homo sapiens

<400> 30022

ctttcagaag	ctgtagagag	aaggtgctag	aactgtgtac	gatcatgact	ggaaagcagg	60
atccctcagt	gactgccgaa	tcttcccagc	acaagataga	gaggcagttc	agcacaagcc	120
yacawtkggt	yckaggmvag	aaasgatr	cctaccgmag	atctcaaata	aaattaaatt	180
gagaaagcag	atctttcaag	ggaatgaggc	ggaggctcgc	ttttatgtta	aaagccacca	240
gcatectcct	tgctagacat	ggacatgaca	tttttaaagg	aattatctgg	ttacnngtt	300
ttaagcaaac	tgttctaagg	agtctgtaca	ttgcattatt	ttttctattc	ttttt	355

<210> 30023

<211> 99

<212> DNA

<213> Homo sapiens

<400> 30023

ttttctcttc	tttaaccactt	tatttctctcc	caattattat	tattattatt	attattttatt	60
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<210> 30024

<211> 149

<212> DNA

<213> Homo sapiens

<400> 30024

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ccaaggaggg	cagatcactt	gagcccagga	gtttcagacc	accctggcca	acatggtgaa	120
gctcgatctc	tasctgatgc	ccccccgt				149

<210> 30025
 <211> 240
 <212> DNA
 <213> Homo sapiens

<400> 30025
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 cagtctccca agtagctggg aagctgggac tataggcaca tgctacttca cctagctaata 120
 ttttaaattt cctwttagagv hccgtaacct ggctagttat ttwacttttt gtagagacgg 180
 ggtctcactt tgttgcccaa gccagttctca aactcctgtg ctcaaactgt cctccgcacc 240

<210> 30026
 <211> 110
 <212> DNA
 <213> Homo sapiens

<400> 30026
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 aaccatcacc accatccatc tccagatccc ttttcacctg gtaaaaactga 110

<210> 30027
 <211> 248
 <212> DNA
 <213> Homo sapiens

<400> 30027
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 attttgaaaa gaaagagtgg atcttattct ctttctagct cattgtgctt tctggcttat 120
 mtctwcttta gttttgantt tgatatacwtg ttwtaggatt ttatgattct gtattctgtg 180
 gagaagcatg ggaggggyaa ggtgtgttgg aaactgggcm waaaaaccag gaggmaraaa 240
 tggatgtc 248

<210> 30028
 <211> 188
 <212> DNA
 <213> Homo sapiens

<400> 30028
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 aaactcaaga acaagagaag ggtgtctgct atcacagcta ctattcaacg ttcttctgga 120
 gtmmtaagct tgwtaagaaa acaacatgca taaatattgg aggcagaatt ataatacgtag 180
 gcggcagt 188

<210> 30029
 <211> 58
 <212> DNA
 <213> Homo sapiens

<400> 30029
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<210> 30030
 <211> 178
 <212> DNA

<213> Homo sapiens

<400> 30030

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tacacaactg	ggggtagaat	tcctccaggc	tcagctggag	atcttcttcg	catytcattt	120
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<210> 30031

<211> 285

<212> DNA

<213> Homo sapiens

<400> 30031

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atttttactt	atgctccact	ttgaatgcaa	tgtgtgccaa	gcacatcacc	ttatgrtgac	120
agcttrttgc	agccagaagg	tctctaattt	aaataaattc	tggttgtgtt	aatcaccaaa	180
gatataatta	tgatcatcata	tgctgtgtgc	tttttaaata	aatgattctg	aaacagactg	240
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<210> 30032

<211> 147

<212> DNA

<213> Homo sapiens

<400> 30032

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accatactgc	catgcgaatg	gtgagattct	tggggaataa	aggataawca	tatactgctt	120
ctaagtctgg	tttttatagc	tagttag				147

<210> 30033

<211> 62

<212> DNA

<213> Homo sapiens

<400> 30033

caatgattak	ggcwaaagtt	ttgcatgtac	ttcacctctg	tatttctccc	taatttcac	60
ca						62

<210> 30034

<211> 228

<212> DNA

<213> Homo sapiens

<400> 30034

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ccacttattt	ggatttttta	aaaattttat	tcacagtgtt	ttcttatttt	attattccta	180
aacattctat	tcttttttaa	aaaattaaaa	taaattcttt	ccaacccc		228

<210> 30035

<211> 225

<212> DNA

<213> Homo sapiens

<400> 30035

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tgtttaatat agttttctca ggtcaggcgt agtggctcat gtctgtaatt ctagcacttt	120
gggaagctga gacaggagga ttgcttgagc ccaggagttc gagaccagac taggcaacat	180
cgtgagaccc tgtctacaaa aaaaagaaaa tattagctgg gcgaa	225

<210> 30036

<211> 332

<212> DNA

<213> Homo sapiens

<400> 30036

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agtgtgtatt ggtaccaact tctttggaaa acaatttggg gtatttggca ttagttacat	120
gcttagatac aaggagaaac tcttgcttgt atggacctca ggagacaaat acaaaaatgt	180
ttagagcagc attgtttatt gtagcaagaa atgaggaaca actcaaactg ccactgatgt	240
ttwnctatg tgtgttaaaa ccatatgagt tacacagcac tattttaaca aattaaaaac	300
agaaaatact tcaaggaatg actagcctac ct	332

<210> 30037

<211> 95

<212> DNA

<213> Homo sapiens

<400> 30037

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tgtattttta gtagagatgg agttcacca tgacc	95

<210> 30038

<211> 208

<212> DNA

<213> Homo sapiens

<400> 30038

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gtcctgagtt caagcaatcc tcttgctca gcctcccaac gtgctgggat ctcaggcggg	120
agcaamtgcg cctggcccga aaccaagctt tcttatccca agcgtgacc tttatcaagh	180
tgrgctaate ctttatcatc tcctaagt	208

<210> 30039

<211> 230

<212> DNA

<213> Homo sapiens

<400> 30039

caatgaaaag tgcattgtca agcaagttac cactgtagat aagtggggct taaacctcct	60
gggagccagt ggggaacaca tgacctcaga gtaatctcat ctaaggggaa gaaggagctg	120
ggttttttaa acacctagtc ccataagtac ttggtttaag gctcttccag gaagtcttaa	180
ttctctgaca cttcagtga tacaggcaga acaggctcaa gmatccttcc	230

<210> 30040

<211> 110

<212> DNA

<213> Homo sapiens

<400> 30040
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tagtatattc caccagact cttaaagaaa ttgagtaaag accaggaacc 110

<210> 30041
<211> 439
<212> DNA
<213> Homo sapiens

<400> 30041
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ccaggctctga tgtaagcct ataattattgc aatgtgatgt tttgaagtta aggtgtaata 120
gagccagtga accaagggtt cacaccccag tgaaatacaa atattcagaa ttgagccact 180
gtgttgccat actgattatg taatgtgtga ttaacaagta taatgtgyma ctttcaacat 240
cagtttcatg ccaaagttrc attttattag attatttggg agttcacttt gggcccaaag 300
gctcgtgtct acataataag nncttatgat ttttctttt gtctttgttt tattttttgt 360
tttgtgtttt wngcttttcta gaccatgcca gagtaatctc agcttttctt agttactgga 420
tcacacatat ccttctga 439

<210> 30042
<211> 108
<212> DNA
<213> Homo sapiens

<400> 30042
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tcagatacag ctcttgagtt ttatgcatga aatgtctttt tttttttt 108

<210> 30043
<211> 187
<212> DNA
<213> Homo sapiens

<400> 30043
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atttttgtta atgtctggct tctttctgca gaagagttcc tctcctgac atgcacttca 120
ttctctgctt ttctatgtct tgacaactct cttatggtag tcattttctt atactgtagc 180
ccccaa 187

<210> 30044
<211> 97
<212> DNA
<213> Homo sapiens

<400> 30044
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tctcctgtca tttccaatct gcttttaagc cagcccc 97

<210> 30045
<211> 233
<212> DNA
<213> Homo sapiens

<400> 30045
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ctttctttgt aggagtgtat gtgtgtatga aaagcacagt gtttgacata taataaatgt 180
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<210> 30046
<211> 125
<212> DNA
<213> Homo sapiens

<400> 30046
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cccca 125

<210> 30047
<211> 266
<212> DNA
<213> Homo sapiens

<400> 30047
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gtgtgtggat gggggaagg atggctgcta gcttgttttg gttttaagt taggctatac 180
cttgaattaa cttgggaagt actgttacta gcgacagtcc ctatgcattc attgnagact 240
tgttgtcagc ctcccatgtg gagata 266

<210> 30048
<211> 94
<212> DNA
<213> Homo sapiens

<400> 30048
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cygggggttct tcgatccgga aaatcctacc ggca 94

<210> 30049
<211> 141
<212> DNA
<213> Homo sapiens

<400> 30049
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gattacctta ctacagttga gacagagcac ttccaaatta taactggacc catgatctcc 120
ctactgtctt ccgacccac t 141

<210> 30050
<211> 112
<212> DNA
<213> Homo sapiens

<400> 30050
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<210> 30051
<211> 233
<212> DNA
<213> Homo sapiens

<400> 30051
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aggctataag ttgtcaatag ttctttttct ttggaaaagt acagttgtgg catttactca 180
ctttagcaga tagctaaaag ggaaaaakra ggaaaaatat acactggacg ctt 233

<210> 30052
<211> 189
<212> DNA
<213> Homo sapiens

<400> 30052
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cgccatagat acactctcat cctacggggc acgcctgggc cttgctgccc aggaaagctt 120
cggccccgca gctcggcttg ctgcggtctc aggtttcttt acctccagaa agaagaatat 180
tggccccgac 189

<210> 30053
<211> 434
<212> DNA
<213> Homo sapiens

<400> 30053
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gtcttgatc attttccagt gccagggttc tgaaattcat tcagaacctg ttagattaaa 180
gctgcaccct gtgattattt gaaaagaatt agcttgagag tgatgtcact atatttgagt 240
tcttagagaa gtatgagtgg aacttgagta cagttgaatt attaaatatg caagttagaa 300
attaagtcta ctgaaaaatt tacattttga gtcaggtttt gtgtcagtac ttagcagtt 360
tttgagaatg tgtttgatat cacagtgttt gtaaattcta tgaaaaatgc atdntccaaa 420
caacttatac atgc 434

<210> 30054
<211> 167
<212> DNA
<213> Homo sapiens

<400> 30054
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agttaattca ggacagcaga agagaaacta aaaatgtgag tctcttgctt cagaatggaa 120
atgttggtac ctttggttct cactgaaaca ctgtctatac cacctgc 167

<210> 30055
<211> 88
<212> DNA
<213> Homo sapiens

<400> 30055

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aagaaagacc cctccctcaa cccccctc	88

<210> 30056

<211> 317

<212> DNA

<213> Homo sapiens

<400> 30056

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tcatgcattg ctgctggaaa tgtaaaatgg tacaactact tcaggaaata gtttgggtatt	120
ttcttataaa actaaacgtg caattactat atgagccagc aattgcactc ttggacattt	180
atttcagaaa aatgaaaatt tataatccata caaaaatcta tgtacaaata ttcataacaa	240
cttcaatcaw agtagccaaa aactgggact atagctcaag ggtagagcat tttactgcat	300
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<210> 30057

<211> 148

<212> DNA

<213> Homo sapiens

<400> 30057

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aaagtctctt ttttcttcta gttctgtgtc ctacatagag cagcaacttt atctgcggtg	120
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<210> 30058

<211> 173

<212> DNA

<213> Homo sapiens

<400> 30058

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<210> 30059

<211> 100

<212> DNA

<213> Homo sapiens

<400> 30059

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<210> 30060

<211> 213

<212> DNA

<213> Homo sapiens

<400> 30060

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gatgtatttt aagactacac attatcagga aacatacatt gagagtccgc ttaattaaag	120

gttggtgggc atcaaattat gyttagtagg ttactattct ctaacaactc aaggatgcbt 180
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<210> 30061
 <211> 139
 <212> DNA
 <213> Homo sapiens

<400> 30061
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 agtgcagcgg catgatcatg gctcactgta actttgaact cccgggtctca agcgatcctc 120
 btccctcagc ccccgatc 139

<210> 30062
 <211> 255
 <212> DNA
 <213> Homo sapiens

<400> 30062
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 gtcattctttg aataagggtt tctagttagt ttagacacaa ttaksgata agaaatgttt 180
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 atatcaaggg ctgaa 255

<210> 30063
 <211> 222
 <212> DNA
 <213> Homo sapiens

<400> 30063
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 kacttctaaa ttccagagtc tagtgaaggg ggagagckct aactctccag ctccactggg 180
 gtccagtttc ttacagaatg ggtagcaga gaggaggyyc ga 222

<210> 30064
 <211> 275
 <212> DNA
 <213> Homo sapiens

<400> 30064
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 cttgctgagk gnnagagatt gttctaagct tttaacctgt tatctcattt ggtcttcaaa 180
 ggacctttat gagtagata ctgtaatttt cgcaatatat taaatgagaa aattgtggca 240
 tattgtagtt tatagttaat catcattccc accga 275

<210> 30065
 <211> 97
 <212> DNA
 <213> Homo sapiens

<400> 30065

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aatccctgag ctagacataa aggttctcca cggcccc 97

<210> 30066
<211> 140
<212> DNA
<213> Homo sapiens

<400> 30066
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gaaatgagaa gtagtttctg attcagctaa tgtctgttaa gtgattctct ctatagatcc 120
aagtattatg agcaacgctc 140

<210> 30067
<211> 353
<212> DNA
<213> Homo sapiens

<400> 30067
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gaaatagaac ttcacagtgc ctttaatcag gctctttgga ccaacaggca ttgtagtact 120
gccagcagaa taggacaaag ttacctgcca aggggagcat cctttgttat ctccgacctc 180
attaatacca atcaattgag ttaacaatca acacatactg cttggattac tcaaccctgg 240
gagtttaaaa atactcatgc ctgagcccca cctgcagaca ttctaaggtc tggctctgtgt 300
wctgggcac tgaattttga aattagccct aggtgattct aaagagcagc cct 353

<210> 30068
<211> 404
<212> DNA
<213> Homo sapiens

<400> 30068
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agcgagaggt aggaagagca ttctaagatc agctgcaagc ctggaaggca ggggtarctt 120
tcttcaccag ggaggaaagg gtgcacagtc agtggacaga aagtagatgg gagcaacccc 180
agaaatacag gtaatgagca ggagttgggg catattcttg ttttcattgct ttgaggacta 240
gttgggcttc gtattttgct tttgtttgtc catagasgag tccgaggaag tgcargagtt 300
cagaggmcag ttgaatttga attcctctcc ctacagaaat ggaatgtgac tagvhgagtg 360
agaagagaaa gtgatatggt ctccttacc ctcctttcca caaa 404

<210> 30069
<211> 193
<212> DNA
<213> Homo sapiens

<400> 30069
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ttagaactca gtgttggtat ccacacaaac ggaaaaactc atttttaaaa aatgattgaa 120
aatatcagat gaaataaaaa atcaaaatta actgtattat ggaaatggtg ttaggctaga 180
agtagcccaa agg 193

<210> 30070
<211> 180
<212> DNA

0014220" 566E7560

<213> Homo sapiens

<400> 30070

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<210> 30071

<211> 61

<212> DNA

<213> Homo sapiens

<400> 30071

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<210> 30072

<211> 440

<212> DNA

<213> Homo sapiens

<400> 30072

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gtcagggaaa	tgattgaaga	gtgggatgct	tccctcttat	agttactcaa	catagcattt	180
gtttaagaga	tttaattaat	ggaacttttc	caaaaggatc	aatgatatac	ctggtgattg	240
actttcactc	agcatcatag	gctcatgaac	ttgcacagcg	agggtcagga	gtaaagaggt	300
aggaaatgtc	tccttgggtg	aggaagttac	ctgctactat	ctcctaacaa	gcatttttct	360
ctcagatgat	ttgctggcca	cactttctgc	attttgctat	taattcaacc	aggaatgacg	420
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<210> 30073

<211> 255

<212> DNA

<213> Homo sapiens

<400> 30073

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aaaattcttg	tctattatct	ctccaaagat	ttcttctgtc	tcaactctttc	ttttccttat	180
gggacttcaa	ttacaaatat	gttaaaccat	ttgctatcat	cctaaggatc	atagatgctc	240
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<210> 30074

<211> 121

<212> DNA

<213> Homo sapiens

<400> 30074

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<210> 30075

<211> 226
 <212> DNA
 <213> Homo sapiens

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 ttgatatagt tgcctttttt cttctttctc tgccagaagc aagaaggctt tttcctcaga 120
 tcttcacagt aagaaccttg tagggctcct ggaggtaaaa ctcaggaaag tgtgcctcct 180
 cccccacgrc gagactgagc ccctaagaca tttttcacc ctaagc 226

<210> 30076
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 30076
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 tattgtctta attattaaaa ggcaggataa atgaataggc actttgaagg ccatccttagt 120
 aaatatagcc aggccttaat tttagggtatt gtatatatt atttttatag ctcttcgaga 180
 ggtaatggga gaaagatgca gctgaagaaa gatgcagctt ggtgtatatt attgtgaact 240
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 gtagagaagg 310

<210> 30077
 <211> 203
 <212> DNA
 <213> Homo sapiens

<400> 30077
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 ggaggccgag gcagggtggat cacttgaggc caggagttca agaccagcct ggccaacgtg 120
 gagaaacccc atctctacta aaaatacaaa aattagctga tttgtccact gtgaagttac 180
 ttttttaaaa tttgaggggg ccc 203

<210> 30078
 <211> 145
 <212> DNA
 <213> Homo sapiens

<400> 30078
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 tgttgtaaact acttttgctt tgaaaacttt ttcattgtcc taaatcacc ctaactctgac 120
 cagtctttca gttctccaaa agccc 145

<210> 30079
 <211> 261
 <212> DNA
 <213> Homo sapiens

<400> 30079
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 actcgtaaact gccactggga tacaagaagt acaagaaatg gtgtctctta aagagtttcc 180
 actcaagtaa ggatgtccat taaaaattaa cacaagctaa tatagaaatg ctaagtgaat 240

001220"665E7560

ggcagatact ttaaggagtc g

261

<210> 30080
<211> 130
<212> DNA
<213> Homo sapiens

<400> 30080
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aactactacg gaagaaaatt attcatcaca gtgtacagtt aaacaaagga atctcagtca 120
caccaaacct 130

<210> 30081
<211> 208
<212> DNA
<213> Homo sapiens

<400> 30081
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aactaaatth taggtttgaa atttgtccct agttagtgtg tctgcttgac aattttgtga 120
gtcttattaa cccaatcaa tagagttgag agactatggc tttaaaaaat taatgcaaac 180
ctggctttag ctgtaataac acccacca 208

<210> 30082
<211> 348
<212> DNA
<213> Homo sapiens

<400> 30082
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tgcttcgac taaccagctt cttgacccac ccccccttg tatgcagtgt taatgctcag 120
gnvttgaraa tagtacactc caatgtctct tttgcaagag tttttcacag aggattacat 180
ttgttcaaaa gactctaata aaattgtgtg atcaatcttc acttgtggtt tttatgtgac 240
ttttttctag ttttgcattt gataactgct gtttaattct gaaaatgttg tctcaaacca 300
gatgtcaggg acaggcttga agattcctga tgtctcagca cccagaca 348

<210> 30083
<211> 167
<212> DNA
<213> Homo sapiens

<400> 30083
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tttagtatgt tcacagagct gtgtacccat cgccataatc agctgtagaa aatttcataa 120
cctcatgccc ttagtagacc cccactcact accccacagg acgggtc 167

<210> 30084
<211> 190
<212> DNA
<213> Homo sapiens

<400> 30084
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ctttcttctt tctgctcttt cttggatttc cataatgtgt tggctctgcat aatgatgtgt 120

ataaggctct cttactctt tttcattctt atttatcttt gttctctgag tggataattt 180
 caaatggccc 190

<210> 30085
 <211> 108
 <212> DNA
 <213> Homo sapiens

<400> 30085
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 gctgttagaa tcacctggca gtgtttaaaa atgactgatg cccagcat 108

<210> 30086
 <211> 95
 <212> DNA
 <213> Homo sapiens

<400> 30086
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 acacacacac acacacacac acacacacac atata 95

<210> 30087
 <211> 167
 <212> DNA
 <213> Homo sapiens

<400> 30087
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 atctatatgt taatttgta atttgatggd tcatggttca aggctgc 167

<210> 30088
 <211> 113
 <212> DNA
 <213> Homo sapiens

<400> 30088
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 catacaacat ttttttagga tgtctgaaga ygaagaaaaa gtgaaattac gcc 113

<210> 30089
 <211> 90
 <212> DNA
 <213> Homo sapiens

<400> 30089
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 ttcagcttta cattactagc acagacattt 90

<210> 30090
 <211> 124
 <212> DNA
 <213> Homo sapiens

<400> 30090
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 tagg 124

<210> 30091
 <211> 117
 <212> DNA
 <213> Homo sapiens

<400> 30091
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 gggtaccaga acttaataac attaataact ctaaagttag tataacaacc cgcccac 117

<210> 30092
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 <212> DNA
 <213> Homo sapiens

<400> 30092
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 attgattctg tttctgtttg caactgtact aagatattgc ctataatgcc cccat 175

<210> 30093
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 30093
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 agtgaaagaa gccagtctga aaaagctact atgtagtctc aactatatga cattctggaa 240
 aagataaaac tatagagaca gcaaaatgat cagtgggtttt ggtgggtttt tgggggggtgg 300

<210> 30094
 <211> 238
 <212> DNA
 <213> Homo sapiens

<400> 30094
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 caccagaaac tttccaccct ggattctcta cttttgctcc atggacagag ccccgatcag 180
 ccaagtttca gacagaccgt gagcagctcc tgtgcgtttt attgacgacct gccggtgg 238

<210> 30095
 <211> 202
 <212> DNA
 <213> Homo sapiens

<400> 30095
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 tcaagaatgc tgacacagtg tg 202

<210> 30096
 <211> 191
 <212> DNA
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<400> 30096
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 aggagtttga gcggcctggc caacatggtg aaaccctgtc tctactaaga atacaaaaat 180
 tagccggtta a 191

<210> 30097
 <211> 132
 <212> DNA
 <213> Homo sapiens

<400> 30097
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 caaaccacc cc 132

<210> 30098
 <211> 231
 <212> DNA
 <213> Homo sapiens

<400> 30098
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 gccgatgcgg tgatagcacc gaaagcagac ggccgccagg gmtcccccta cccccsgaa 120
 ktttctcccc arsggcgggg gatsggggg avgcggttcc tctgttcttk ctgcgttccc 180
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<210> 30099
 <211> 212
 <212> DNA
 <213> Homo sapiens

<400> 30099
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<210> 30100
 <211> 265
 <212> DNA
 <213> Homo sapiens

<400> 30100
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cccdmaggaa	tagtgcttta	cvgagtctaa	tggtgatttc	ttaggttaaag	acaggaaaca	180
tttttttctt	ttttacctac	aagttccata	ccaaaaaatg	aatgtaaact	tttcatgcag	240
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 <212> DNA
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gcgctggctt	agtagcgggt	agtcctctca	gcatttgttt	gtctgaaaaa	gactttcttt	180
tcttgactta	ggaagcttag	ttttgctgga	tacaaagttc	ttgactgaca	attattctgt	240
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<210> 30102
 <211> 307
 <212> DNA
 <213> Homo sapiens

<400> 30102						
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gcctgtccag	tgctctcccc	tccgtccgct	cgctctctgc	atgctggcct	ccctgtcatt	180
tctagaacac	tcaggcattc	tcttaagcca	aggcctttgt	agttgtgatt	ccctctgcat	240
ggaatgctct	tccccagcca	tctcctgtca	ctctctcacc	caccccatga	ggcatgacc	300
acgcca						307

<210> 30103
 <211> 446
 <212> DNA
 <213> Homo sapiens

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cttcaaaaata	aaattaacac	caagatacaa	acagaagtgg	caatgttaaa	gactactggt	180
ctgtggctag	gatrrcaakt	acaaagcctg	aagtgtgcagc	agcaattgca	ttgtcatttt	240
aaccctattc	atattkgtgt	aactaatttg	gaatataatc	aaagtgaata	tccaaggaac	300
tttgtaaagg	cccatttaca	gggagtttta	cattcaatgt	tacttttgat	attaatgatt	360
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<210> 30104
 <211> 230
 <212> DNA
 <213> Homo sapiens

<400> 30104						
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ggtggtggtg	gcggggargt	cttggggggc	tctcagctcc	cgcccatgcc	tcctgatgg	180

gtggggybng ggcggcctct ctctgaggag acctcaccca ctccctcgccc

230

<210> 30105

<211> 389

<212> DNA

<213> Homo sapiens

<400> 30105

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agtcccaaaa	ttttagggg	ctccttgaat	tgacgcccc	atgggtggag	gatttcattc	180
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gttgaaggag	ggatttagcc	atctcctaata	ctcaaggccc	ttcttccctac	tttcccttctc	300
ttttacttta	ctttttttcc	cgctttcttt	ctttgatata	gacaattgat	gttttctcag	360
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<210> 30106

<211> 314

<212> DNA

<213> Homo sapiens

<400> 30106

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aagagtcgta	ctaaccacaaa	tgaatgggca	attgacataa	cattctattt	caggtttcct	180
tgtacttggg	gagccaaagc	acaagatcta	aggaaatctt	attcacattt	gtccctcaga	240
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<210> 30107

<211> 117

<212> DNA

<213> Homo sapiens

<400> 30107

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<210> 30108

<211> 239

<212> DNA

<213> Homo sapiens

<400> 30108

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catagcattc	attcatttct	aaagggttaca	ttaatgtgac	caaaagatgc	tgantnacgt	180
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<210> 30109

<211> 217

<212> DNA

<213> Homo sapiens

<400> 30109
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 aaaaaggcca tgtatcttaa gtagtttatg waggaggatt twtcsnsctc tacctcttga 180
 gccataaat ccattctatc taatttgacc accacta 217

<210> 30110
 <211> 102
 <212> DNA
 <213> Homo sapiens

<400> 30110
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 actggactcc agagttgcaa aagtatttaa actttgatcc cc 102

<210> 30111
 <211> 207
 <212> DNA
 <213> Homo sapiens

<400> 30111
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 gtgtttaaat ttgaaaagca tcatgttctc atgatttatg ggaatgaagc aagtactgaa 180
 atcaaattaa atactccctg agtccca 207

<210> 30112
 <211> 105
 <212> DNA
 <213> Homo sapiens

<400> 30112
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 ccgcgcgcct ccgcgcccca aaccccatcc ccgcggttga gccac 105

<210> 30113
 <211> 208
 <212> DNA
 <213> Homo sapiens

<400> 30113
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 actatgtctt taaaaatatt gtatagtttt tttttaagag atatgaggca tataagatat 180
 aattctaacc ctatatgacc ccatgacc 208

<210> 30114
 <211> 367
 <212> DNA
 <213> Homo sapiens

<400> 30114
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tccaaaacac	caaaagcaag	gcaacaaaag	ccaaaattga	caaatgggat	ctcattaaac	180
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gggagaaaat	ttttgcaacc	tactcatctg	acaaagggct	aatatccaga	atctacaatg	300
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<210> 30115
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 30115						
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aaatcataac	aattctctcag	accacagtgc	aatcaaatta	gaactcaaga	ttaagaaact	180
cactcaaaac	cacacaacta	catggatatt	gawnnacgtg	ctcctgagtg	acttctgggt	240
aaataataaa	attaaggcag	aatcaagaa	gctctttgaa	accaatgaga	acaaagagac	300
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<210> 30116
 <211> 161
 <212> DNA
 <213> Homo sapiens

<400> 30116						
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<210> 30117
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 <212> DNA
 <213> Homo sapiens

<400> 30117						
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<210> 30118
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 <212> DNA
 <213> Homo sapiens

<400> 30118						
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aaaaggattg	ctctcgahgt	tgagaacatc	agcttttctg	ttttttttca	ccatataaat	180
tagagtattc	tttcgaaaaa	tgggtgggtg	ttatggtaca	gaccataaca	ggctactttg	240
ctgctacagt	aaggcatgaa	agagttcagc	gaagttaact	gtcttgacga	atttggggga	300
t						301

<210> 30119
 <211> 170

<212> DNA

<213> Homo sapiens

<400> 30119

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tgaatcccct atgccaaaca cataccttcc atgcatgaca tgagatctgc aaactggatt	120
ttagccaccg tatttattha gtcaaaaaaa ttgtcacttg tagcagaccc	170

<210> 30120

<211> 191

<212> DNA

<213> Homo sapiens

<400> 30120

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tttagagatt acagaaataa ataccagatc tgagaaatga tacagattga aattttataa	120
gagaggtgag tttgatagcc agttccaatt tcatactcat atggacttag agaattgtaa	180
ggatgccacg t	191

<210> 30121

<211> 187

<212> DNA

<213> Homo sapiens

<400> 30121

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tgaagctttt aaaatgataa attatagggg atgctgtgta agaagtttta caacctatat	120
rgcatttgcc attttaaaag ccttagtgag actaaggctt ttaaaacaca aaacagacat	180
ctggctt	187

<210> 30122

<211> 140

<212> DNA

<213> Homo sapiens

<400> 30122

ctactcaaaa caaaattttg ctgcaataaa aatgaatcca ttaaagttcc cattgggtgac	60
atgttaagggt caggtgttca aacaataatc caagaaccac cacgtcagga aaaccgaact	120
tgtttcttca agcctcagtc	140

<210> 30123

<211> 182

<212> DNA

<213> Homo sapiens

<400> 30123

aaagaaaaga atggacagtg ttgacagaga gttgctcacg agtttccctc taatcctaaa	60
tgtcttcatg tctatcagtc tgagcagacg gtgagtaggg cgggcacatt ctccaggccc	120
ttcttcctag ctctgtgggt gacctctcag caagtgctat ccaggctggg ccaaccagac	180
cc	182

<210> 30124

<211> 73

<212> DNA

<213> Homo sapiens

<400> 30124

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<210> 30125

<211> 123

<212> DNA

<213> Homo sapiens

<400> 30125

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<210> 30126

<211> 392

<212> DNA

<213> Homo sapiens

<400> 30126

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atagcaaaga cttggaacca acccaaagt ccaacaatga tagactggat taagaaaatg	180
tggcacatat acaccatgga atactatgca gccataaaaa aatgatgagt tcatgtcctt	240
tgtagggaca tggatgaaat tggaaatcat cattctcagt aaactattgc aaggacaaaa	300
aaccaaacac cgcataattct cactcatagg tgggaattga acaacgaghn cacatggaca	360
caggaagggg aatatcgac tctgggggct ga	392

<210> 30127

<211> 255

<212> DNA

<213> Homo sapiens

<400> 30127

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atgctggcaa ggctgtggag aaaaaaggaa cacttttaca ctgttgggtg gagtgtaaat	120
tagttcaatc attgtggaag acagtatggc gattcctcaa agacctagag ccagaaatac	180
catttgaccc agcaatctca ttacttgata tatacccaaa ggaatataaa tcattctgtt	240
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<210> 30128

<211> 230

<212> DNA

<213> Homo sapiens

<400> 30128

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gtctgtctct gtgtcttttt tcctttttaa agtgtgccag tcatattggt ttaatggcct	180
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<210> 30129

004220" 6655T560

<211> 230
<212> DNA
<213> Homo sapiens

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taatcagagt ttcagcagca cacaccgccc tctcagggag ggagatgctg gctgggcccgt 180
cttttacaata tggatcgctca gtgtgttcgg gtaataagga aacgagagag 230

<210> 30130
<211> 290
<212> DNA
<213> Homo sapiens

<400> 30130
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aggccgaggc gggcggtatca tgaggtcagg agatcgagac catcctggct aacacggtga 120
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<210> 30131
<211> 280
<212> DNA
<213> Homo sapiens

<400> 30131
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tttccagtgg agctttttgt gtabaaagag tcaaccaaac 280

<210> 30132
<211> 115
<212> DNA
<213> Homo sapiens

<400> 30132
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gaataggcct gcctctcgcc atactccccc aacaataggg ggctcggttc cctgm 115

<210> 30133
<211> 328
<212> DNA
<213> Homo sapiens

<400> 30133
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ggctatgtta ggttggtcag agaagtcctt tttgaagcar caatatataa gctgagactt 180
gaataagatg ggacatgaag ctgggtggag tgggttcagg agaggggtta gccaatgccc 240
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328

<210> 30134

<211> 190

<212> DNA

<213> Homo sapiens

<400> 30134

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acgtctgact	ctccttggat	cctagcacc	taacgtgctt	ttcctgcctc	ttcccccttc	180
ccaccagcgg						190

<210> 30135

<211> 224

<212> DNA

<213> Homo sapiens

<400> 30135

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ctacttccgt	ctccatcctc	ctgacctcaa	caccaaacca	tttctcctct	gtgggtgcttt	180
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<210> 30136

<211> 219

<212> DNA

<213> Homo sapiens

<400> 30136

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aaattgatttt	ttarwtaaaa	aagaaaacww	tttgtgtgat	tgaacatgtg	cttggaagtt	180
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<210> 30137

<211> 112

<212> DNA

<213> Homo sapiens

<400> 30137

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<210> 30138

<211> 112

<212> DNA

<213> Homo sapiens

<400> 30138

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<210> 30139

<211> 117
 <212> DNA
 <213> Homo sapiens

<400> 30139
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 atgtgggtgr wtcccttttc ygtctcttac cattattctg tcatagtaga tatttgc 117

<210> 30140
 <211> 316
 <212> DNA
 <213> Homo sapiens

<400> 30140
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 aaattcaaaa ctgacccctt tagttcctca ttatatgata tgaagggatt aactgtagca 180
 ggatagtagca cctgaccgta cggcatggtg ctttttttca ggataaatct tcagacaaaa 240
 aagtgcaaac aaaagggaaa aggggagcaa agggaaaaca ggccgaagtg gctaaccaag 300
 aaactaaaga agactt 316

<210> 30141
 <211> 119
 <212> DNA
 <213> Homo sapiens

<400> 30141
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 aaaaagttca gcctcaatta cgttggttga ctgtctttaa agtgcttacc acagcccc 119

<210> 30142
 <211> 105
 <212> DNA
 <213> Homo sapiens

<400> 30142
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<210> 30143
 <211> 120
 <212> DNA
 <213> Homo sapiens

<400> 30143
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<210> 30144
 <211> 319
 <212> DNA
 <213> Homo sapiens

<400> 30144

001220"666E7560

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aaacacttgc	ttggcatawc	ctgaactcct	cagtgtbagc	caaagatggc	aattacagcg	180
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 <211> 121
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a	

<210> 30146
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<400> 30146	
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<210> 30147
 <211> 131
 <212> DNA
 <213> Homo sapiens

<400> 30147	
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<210> 30148
 <211> 264
 <212> DNA
 <213> Homo sapiens

<400> 30148	
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<210> 30149
 <211> 184
 <212> DNA

001220" 66666666

<213> Homo sapiens

<400> 30149

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ggwggttatga agttttaaca atgttattta atgttattta aaccttaaga taaatcatcc	180
ccac	184

<210> 30150

<211> 127

<212> DNA

<213> Homo sapiens

<400> 30150

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<210> 30151

<211> 238

<212> DNA

<213> Homo sapiens

<400> 30151

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tactctgagg cttggcactg ggggccaggg cctgccccag ggctcctgga atttcccttg	120
atccagctag gctgggacac tccctaaatc agctgcgtgt tgtagcatc aggcagaatg	180
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<210> 30152

<211> 280

<212> DNA

<213> Homo sapiens

<400> 30152

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tacattgctg ctggagtata agtaggtgca gtcttccttg tggggtaaat tctgtataat	180
tcaaagcttc aaaattgata ctacattttg tccaacaat ttcactttta gaaatgtatt	240
ctaagggaaa aaaataaaaa ctatatgcaa tgacgttcta	280

<210> 30153

<211> 137

<212> DNA

<213> Homo sapiens

<400> 30153

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cttttccctg ttaaattggac ttggtactct tggtgaaaat aatttgacca tatatgtgag	120
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<210> 30154

<211> 214

<212> DNA

<213> Homo sapiens

<400> 30154

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acagtggggc	aatattcctc	tcggcagaga	gcctcccggg	cttgtgagac	tgtcctggat	180
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<210> 30155

<211> 336

<212> DNA

<213> Homo sapiens

<400> 30155

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ggaaagggag	tcagtagcat	cgggcttctc	atttgcaaca	ctgtgtgtta	ggaactgaat	180
ttaggaacac	cgaggcctct	accttgcaaca	taatcatctg	aggtcaccta	ggagtaccca	240
cagtgaaggc	caccaccttg	tggcttgtct	tcctttgttc	ctgatgcctc	accagcccag	300
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<210> 30156

<211> 111

<212> DNA

<213> Homo sapiens

<400> 30156

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<210> 30157

<211> 409

<212> DNA

<213> Homo sapiens

<400> 30157

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tgtgtcttgg	cgccgggggt	gccaaggggc	cctcccgtca	gcgcctcctg	accttcagcc	180
cacaggcagc	catctggggg	gcttggtaac	ccacagattc	tgacctgggc	gcacctgcag	240
atggggtttc	tgatgcatgc	acgggtcccg	tgttgaacag	gaagcttctt	actctcacct	300
gtgcccctgt	ggcctttcct	ggtgccgttt	cccactgtgg	tgtctggaca	ctttctccca	360
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<210> 30158

<211> 184

<212> DNA

<213> Homo sapiens

<400> 30158

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ttaactcgtc	atttagcatt	aggtatatct	cctaaagcta	tccctcccc	cttcccccaa	180
tccc						184

<210> 30159
 <211> 323
 <212> DNA
 <213> Homo sapiens

<400> 30159
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 ctgtggaaat tctgaccgtc gccctggatg ggtctctggc attgttcctc atttatgcca 180
 tagtcaaaga aaaatattac cggcatttcc tgcagatcac cctgtgctg tgcgagctgt 240
 atggctgctg gatgaccttc ctcccagagt ggctcaccag aagccccaac ctcaacacca 300
 gcaactggct gtactgttgg ctt 323

<210> 30160
 <211> 122
 <212> DNA
 <213> Homo sapiens

<400> 30160
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 cc 122

<210> 30161
 <211> 304
 <212> DNA
 <213> Homo sapiens

<400> 30161
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 tcataaaagc catatgaagg aaatactgta ttagcatttc tattttacat gtgagaaaaa 180
 ctaagaccta gagagtttaa attattccca taaggatcgc tgactagaga ataatacaagt 240
 tgaaatagga acacagaagt gccacattta aaaaaattac atataaacac acaaattgaa 300
 ccct 304

<210> 30162
 <211> 97
 <212> DNA
 <213> Homo sapiens

<400> 30162
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 cgcataaatg ttgatgttca aactgttagc tgatcat 97

<210> 30163
 <211> 109
 <212> DNA
 <213> Homo sapiens

<400> 30163
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 tatgttgaga cacataataa gcatttttga tttattaaat atgaaccgt 109

<210> 30164
 <211> 283
 <212> DNA
 <213> Homo sapiens

<400> 30164
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 agttcaactg ttttgatttt tagaaccac aaataagtga caacatgtga tatttgctct 180
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<210> 30165
 <211> 183
 <212> DNA
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<400> 30165
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 agatagggtt caccatgttg gccgggctgg ccttgaactc ttgacctcgg ctgattggcc 180
 ccc 183

<210> 30166
 <211> 168
 <212> DNA
 <213> Homo sapiens

<400> 30166
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 cagacttctt tacaaatggg atctgtttct atatgtgtat atgcccac 168

<210> 30167
 <211> 132
 <212> DNA
 <213> Homo sapiens

<400> 30167
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 attaaccaca ac 132

<210> 30168
 <211> 391
 <212> DNA
 <213> Homo sapiens

<400> 30168
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 tgaaaaatta cagtaactct ggaattacct tctctgaaa agtgtttatt tttgttttag 180
 taggctgtta aactatttgc ggatcacctt aaacttgtgg gaacttgggt tgggactgtg 240

ttaggttggg tgtatatttg ttttgccctt tgctctagag caaatcccat agtcctggga 300
 catggtcttt actcttcaga tggctcttcg gggatttcgg tgaaagaccc aatgtttgta 360
 ccaagcacct ctaactttgt ggaactccna n 391

<210> 30169
 <211> 404
 <212> DNA
 <213> Homo sapiens

<400> 30169
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 ctacagtata gattgattct ctagaatata aatgatccct tttcatccat gggtcatcaa 180
 aaacatacta actgcatttg tttgatcatt gcaaatttaa aacaaaacag catttgctgt 240
 taggaaacaa gacacataat cctcttagga attaccatta tatcacatta ccactgtgag 300
 gtagaatgga tcattcatta atttctttat gaaatttgca tgctawhggt tttctaataga 360
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<210> 30170
 <211> 400
 <212> DNA
 <213> Homo sapiens

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 gasgatnngg tgtctccgca gctttggggc cccaggaaaag aacagatggs ttggcatctt 180
 cbwccgagca agcgcastst caggccgggc ctgagcctgc agcctgtgtg cctccatca 240
 tcagggcccc ctctcaggac aggctacacc gaggggtggga cagcggactt ccaggacac 300
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<210> 30171
 <211> 247
 <212> DNA
 <213> Homo sapiens

<400> 30171
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 tttactaagt aatagctaag tataaaatct ttagttacag aaagcttgtg agcaattaaa 180
 atccttttac atttttcttg cagaatggga gaaaaatatg gcaaatacaa aactgtaaaa 240
 taagggc 247

<210> 30172
 <211> 178
 <212> DNA
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<400> 30172
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<210> 30173
<211> 102
<212> DNA
<213> Homo sapiens

<400> 30173
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ggttttgagg ctaattcctt gttacataat tttttttttt tt 102

<210> 30174
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<212> DNA
<213> Homo sapiens

<400> 30174
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tgttgggtct tgttttttca ttcattcagt cacctcgta 99

<210> 30175
<211> 375
<212> DNA
<213> Homo sapiens

<400> 30175
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gaatctcttc atgtgcttat ttgctgttta tatactttac atcttttttg gtgaggcact 180
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cagtctgtgg tttgttttcc cattctgtag acatcttcca kagaacagaa gtttttaatt 360
ttagtgaagc ccggt 375

<210> 30176
<211> 78
<212> DNA
<213> Homo sapiens

<400> 30176
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ttctdeccgg ccgcccgc 78

<210> 30177
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<212> DNA
<213> Homo sapiens

<400> 30177
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tccacgccag gcggccagcg aatttatccc gccgcctcc accgcccctt caagccctgg 120
ggaactggga gaaacgtggc gcgcagggca ctttccac gctgctctc aagggaaagg 180
acgcgagtg tcttgcccag gttaggcaag gcagatggca tctcagacc cggacc 236

<210> 30178
<211> 184

<212> DNA
<213> Homo sapiens

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tttggcagtt aatccaggtc acctatagcc cccttattgg cctccctctt ctgtgttctc 120
tacagttttt catgattttc ctttgcttgc cacaaatcct tcatgagggc aggaatgggg 180
tggc 184

<210> 30179
<211> 324
<212> DNA
<213> Homo sapiens

<400> 30179
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taagagttat tgagagaatt ggcctataat atctactatt aatttttagta tgaaagtatt 180
ttagattcag gcatatgaca agccagttac agccatcttt catttactaa gtgtctttta 240
tacatgaaga cctgtggtag gtactaggga tccataaata cagatatggc ncccttatta 300
cctgttagac cttgagctcc agtc 324

<210> 30180
<211> 176
<212> DNA
<213> Homo sapiens

<400> 30180
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atgatctgtt gtgtatgttc caccgtatat ttaatgtctc tgtaaaggca cctctc 176

<210> 30181
<211> 153
<212> DNA
<213> Homo sapiens

<400> 30181
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cgctgttcct cccactttgt atgccactgc acc 153

<210> 30182
<211> 151
<212> DNA
<213> Homo sapiens

<400> 30182
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ctggtagaaa gttgctgcaa aaacatttga a 151

<210> 30183
<211> 194

<212> DNA
<213> Homo sapiens

<400> 30183
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gatgggggtt caccatgttg gccaggtgtg tctccaactc ctgaccccgat gatctgccct 180
cctctgcccc actc 194

<210> 30184
<211> 74
<212> DNA
<213> Homo sapiens

<400> 30184
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actgacgcgc aact 74

<210> 30185
<211> 156
<212> DNA
<213> Homo sapiens

<400> 30185
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cagcattagt taagtccaga tgtgggaacc cttctcttgg aagaagttcc taattgtgtc 120
tcagaccggt gtaaacaac cagccagccg ccacct 156

<210> 30186
<211> 109
<212> DNA
<213> Homo sapiens

<400> 30186
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ccagtggctg gcattttaac cttgtttttg aaaatgtgtc ccccccca 109

<210> 30187
<211> 285
<212> DNA
<213> Homo sapiens

<400> 30187
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aatgtgggtt tatttcaggg gccattattt aacctgtgtg tatgctatga tggagttctt 180
ttgtgatttc tttacttcta aatttaata gtaattatgt ttaaaaacaa atgtttttgt 240
ctttagttgc aaagcagcat atatctcatt tccttcaacc ttgcc 285

<210> 30188
<211> 312
<212> DNA
<213> Homo sapiens

<400> 30188

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taataatggt	atgggtttat	taagagatct	gtcatctctg	tttttcttaa	actggtttaa	180
cagtcagagc	tttgtaatgt	gtttcagctg	aagattttatt	ataggcttgt	aaattatcta	240
aatgttcttt	ttagacccca	tgacaggagc	acagaggaac	tgagataact	ctgtgttatg	300
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<210> 30189

<211> 210

<212> DNA

<213> Homo sapiens

<400> 30189

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ttaccacaat	tgataaaaat	ataaaaactat	tcttcagcac	atttatacct	aaattagtga	180
agtccatttg	tgaagttcat	ttggcatctg				210

<210> 30190

<211> 221

<212> DNA

<213> Homo sapiens

<400> 30190

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gccactgtcc	ctggcctaga	ataagtctta	aataacaagtc	aagtctccag	ctttgttctt	180
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<210> 30191

<211> 232

<212> DNA

<213> Homo sapiens

<400> 30191

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cacacacaca	cacacacaca	cacacacaca	tatrtgatac	awrtgctttc	rggctgctta	120
ccttascgtg	tagtggtawc	tattcacttc	ttaatttckg	mcctcwmtcw	atttaattgt	180
ctagwrtgta	aarwgtcttt	ragacatrag	wdttcctcar	agrmgccaca	gt	232

<210> 30192

<211> 147

<212> DNA

<213> Homo sapiens

<400> 30192

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ccataactga	attggccttt	ggttcattgt	ttctccccat	atgtatatat	gccatatgtg	120
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<210> 30193

<211> 356

<212> DNA

<213> Homo sapiens

<400> 30193

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agaagggtgc	ccgttaatca	ctgctgctgt	tcaacagtga	aatacagatg	ccattggtca	180
cagctataca	agaaaaagaa	ataggataca	aattagaaag	agggaagcaa	cctgatatta	240
ttcactgatg	atatgattgt	ctgtacataa	aatctataca	taaaacctaa	gtggatcagt	300
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<210> 30194

<211> 244

<212> DNA

<213> Homo sapiens

<400> 30194

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gaactcttta	ttgccattat	ttggagaggg	cgggggaatt	atcctaata	cacatttaac	180
acagggaata	agtgctgaag	tgaccagat	caccaagsgc	agttcctcat	catactttaa	240
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<210> 30195

<211> 51

<212> DNA

<213> Homo sapiens

<400> 30195

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<210> 30196

<211> 255

<212> DNA

<213> Homo sapiens

<400> 30196

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ccaggcaaag	ctggagatga	ggctgagatc	cagagtttcc	tagaacgcaa	cttaggatgg	120
ctaggaaagg	gaagcctgac	tgctcgggtca	ggagggtgca	gttatctctt	gctgggaaca	180
cagccagttt	tcacaatgcc	tagactgtgt	atgtctattt	gcacaagatt	gtcttttcct	240
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<210> 30197

<211> 85

<212> DNA

<213> Homo sapiens

<400> 30197

ttaattttca	ttgtaacacc	tgccactatt	tgccatgtgg	tttgttttac	ctgcggatat	60
ttttgttact	catctcccc	cacca				85

<210> 30198

<211> 145

<212> DNA

<213> Homo sapiens

<400> 30198

atattgttca tgctgtggtt tcatatatga tatcttttaa actaacaat tgtagacact	60
gaaaatttat tactttctgaa gagaaatatt gattattata atttttaatg gaagatttaa	120
aaacaagata tcttgatata cagca	145

<210> 30199

<211> 235

<212> DNA

<213> Homo sapiens

<400> 30199

gtgtattttt ttaatcatat atcttcctca gtacaatgta aggactgtaa aaaaagagat	60
aatgtactgt mttgctttct gttgactccc aggaactcga aaccagcacc aagaatagat	120
gggtcaaaaat gatactttta tgaacaaata aatgggtggc taaaatggat aagttgatgt	180
ggttaaccag tgaaaaggaa actcacacaa aatctgcagt tgcatgaatt cccct	235

<210> 30200

<211> 146

<212> DNA

<213> Homo sapiens

<400> 30200

ctgggcctta cttgtttttt caacgacagt tttggtcttc agttaagctg ttaggcaatt	60
ttcttcagtg gtatggcatt ttctcaaata aaactctgca agagttatca atagatgggt	120
tattaaatcg atatattctc atggca	146

<210> 30201

<211> 73

<212> DNA

<213> Homo sapiens

<400> 30201

aggttgatca caattgttgt gtggccatgt aacaatactc tgagagctgg acttatgtat	60
ttaccacggg ggt	73

<210> 30202

<211> 410

<212> DNA

<213> Homo sapiens

<400> 30202

agaaaaaaag ctgaagattt catatctttt atttcaactt ccataatatc aagaacctaa	60
agatgtactg tacatgaaaa gatgctcaac atcattagtc attagggaaa tgcaaatcaa	120
aaccccaaga gacaccactc tccatccagt aggatggcta taatactata catattttta	180
aatagaaagg aaaattacaa gtgttggcga ggattgtgga gaaattgaaa cccttacaca	240
ttgtgttgg gaattgaaaa tggcacagcc actgtggaaa gcagttcggc agttcctcaa	300
aaggtnsagg atacagttat ggtatgatcc agcaattcca cttctagtta tatacctaag	360
gtcacacaaa aacttgatca ccagtattca gagcagcact attcacaata	410

<210> 30203

<211> 217

<212> DNA

<213> Homo sapiens

<400> 30203

gttgtaacag	agattgtata	acccacaaaa	tccgatatgt	ttacgaactg	gctcttcatg	60
gaaaaagttt	cctgacctct	catctagatc	aatgggggtg	tacgttacca	tttaaaaata	120
tttaggttgt	aatctatcct	cttattactt	gtatttatgg	gtaactatct	tgtaagtaag	180
gctgtttcgt	atagaattaa	cgtgggttag	gtaagca			217

<210> 30204

<211> 374

<212> DNA

<213> Homo sapiens

<400> 30204

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aaagtcaatg	atagcttgat	gggatagca	ttgaatctat	aaattacttt	aggcagtatg	180
gccattttca	tgatattgat	tcttcatatc	catgaccatg	gaatgttttt	ccatttgttt	240
ttgtctctct	atttctttca	gcagtgggtt	gtagttcttc	ttgaagaggt	ccttcatatc	300
ccttgtaagt	tggtattccta	gggtattttat	tctctttgta	gcaattgtga	atgggagtca	360
ctcatgattt	ggct					374

<210> 30205

<211> 377

<212> DNA

<213> Homo sapiens

<400> 30205

caaacacaac	aaaatatatt	ctttatattg	tctaatatc	agttcacatt	cagtttttct	60
tttttttaaa	ttatattaga	gacagggctc	caccatgttg	cccaggctag	tctcaaaact	120
ctgggctcaa	gcaattcacc	tgccctccaa	agtgtctgga	ttataggcat	gagccaccat	180
gogcasccca	ttcagttttt	cttgattgta	aaagtgtctt	tgtaggggta	tttgcttaag	240
tcaatatcca	aacaaggtct	acacatggta	tttggttgac	agggtgtagt	cttaacttag	300
ttttttgatg	attattgcct	aaatccatta	tatcatcaga	gatttttaaaa	tgatgatttt	360
ctaactcaag	ggcattt					377

<210> 30206

<211> 302

<212> DNA

<213> Homo sapiens

<400> 30206

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ttgtmttggm	tatgcaggct	ccatatgaaa	tttaaagtag	ttttttccag	ttctgtgaag	120
aaagtcaatg	atagcttgat	gggatagca	ttgaatctat	aaattacttt	aggcagtatg	180
gmcattttca	tgatattgat	tcttcatatc	catgaccatg	gaatgttttt	ccatttgttt	240
ttgtctctct	atttctttca	gcagtggwtt	gtagttcttc	ttgaagaggt	ccttcatatc	300
cc						302

<210> 30207

<211> 404

<212> DNA

<213> Homo sapiens

<400> 30207

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aacatttgta	tgcaggatgat	attagggttaa	aatgaataaa	aagaaattgc	aaagggtagg	120
ctaagaagtg	agccccagac	acttttcacc	agctaaacct	ctattgtctg	aattattact	180
tcccagccca	gggggttgta	tgatgctcaa	accagggcta	aggtcaattg	tctgggtttc	240
agtatctata	catatatgag	atctccatgg	tgctagcaga	acatttgtgt	tctctggcta	300
aatctgtgtt	cttgatacac	ttacctgctc	tcttttattt	ttagttctca	gcctatagga	360
ggagaatatg	gtcaagacca	tatcctaaaa	atcaacagac	accg		404

<210> 30208

<211> 174

<212> DNA

<213> Homo sapiens

<400> 30208

ttttctcccc	catctctttt	cctttaattt	acgtgaaatt	aacataacgt	agccatttag	60
tgcattcaaa	atgttttgca	actgccatcc	ttaactagtt	ccaaaacatt	ttcagcaccc	120
caaagacaac	ccatacccat	taagcagtea	gtcccaactc	tctttccccg	cccc	174

<210> 30209

<211> 250

<212> DNA

<213> Homo sapiens

<400> 30209

aaattaaaaat	cgctgttttc	tggactgagg	tgcacccctt	gtggatgtgc	tccgggccct	60
gagggttcccc	tccctccctg	atgggtgtccg	gagagcgaaa	ggcatctgtc	cagctgatgt	120
ggcctaccaa	gtggcacgac	ctgccagct	cagtgcaccc	actcgccagc	ttttcccagg	180
aggatttccc	aaagattttct	ctctgctgac	tgttgtccgg	acccgccctg	gtctccaagc	240
tccctctcctt						250

<210> 30210

<211> 162

<212> DNA

<213> Homo sapiens

<400> 30210

taaagaaaaat	gtggtatata	tacaccatgg	aatactactc	agccatgaaa	caatggcctt	60
tgcagcacca	tgatgggagc	tggaggccat	tattctaagt	gaaagtaatt	caagaatgga	120
aaaccaaagt	ccgtatgttc	ttacctataa	gtgggagcta	tt		162

<210> 30211

<211> 248

<212> DNA

<213> Homo sapiens

<400> 30211

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atatgtcaaa	agctcctggt	ttctcaaggc	agctccacag	caggagctc	tgtagttaga	120
tagggttggg	ttcatttctt	gtttctgcca	ctcaccagct	atggccaagg	acaagttaca	180
tgatcgatgt	ttcagattct	tcttgtgtaa	aaaatactaa	aatacacaaa	cacacactca	240
cacaccct						248

<210> 30212

<211> 194
 <212> DNA
 <213> Homo sapiens

<400> 30212
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 tgatttggag ggggtagagt ggaggaggca gtgttttgtt tgaccntttt acctcttgag 120
 tttgtgaaa taccaagtag acagtttagat ttatgtgatt gttgttttagg agaggtcagg 180
 tctggagaca tgcg 194

<210> 30213
 <211> 168
 <212> DNA
 <213> Homo sapiens

<400> 30213
 aggaccttct tttacttggc ttttaaaagt tattcactta gtcaaaattt attgaacacc 60
 tatagtattc caggcagaat gctaaccctc acggagctca caggggatac acactaaggg 120
 atatatattg tagtacagca cagttattaa atagcaattg cagacgac 168

<210> 30214
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 30214
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 tgagtgggag ttaaagactc cagagaagca gctgctagag actcttaagt gcgagtctat 120
 accagcttgt acaacagaag agtttcaggg gtggcttctc catgtcctaa aatgattagt 180
 gatgataatt ggtcattatt atcatctgaa aaaggtccat ctctgtcttc agggctttca 240
 ttgccgggtc atcctgatgt gttggatgaa agttgtatgt ttgaagtgtc tactaaccta 300
 cctttaagta aagataatgt gtgtagtgtg gaaaagagca agcc 344

<210> 30215
 <211> 58
 <212> DNA
 <213> Homo sapiens

<400> 30215
 agaacttctg aggcgtagaa aagtccaccg agaagttata tttaagtact tggcaaca 58

<210> 30216
 <211> 241
 <212> DNA
 <213> Homo sapiens

<400> 30216
 gattagaact acagctgcta ggnacatccc tgtgcaaact tttgtacaga catatacggg 60
 ttttcctctc tggggtaaat acctggaagt ggaatgccca ggtcgtaagc ctaacctgaa 120
 ctttaagccg cagatgagga tatccccagc ctcccgaac aagcagacag ttattaatgg 180
 aaatgttcca ccagttcaga gaaagacatg gtgtgactta aactgaagt caggagcaag 240
 g 241

<210> 30217

<211> 175
<212> DNA
<213> Homo sapiens

<400> 30217
ttaaataatag ataattttact gttaactaca caaaaagtat ttagtataact ttccaacttg 60
caataaatca aattagctgt aaagtgaata caaaaataam ctttcataatg taagaaagaa 120
acttagtttc ttctcaatga tggaatcctt gaggtttgtt ttttaataaga tgccc 175

<210> 30218
<211> 168
<212> DNA
<213> Homo sapiens

<400> 30218
gctttatttg tgatttttta gaataggaat ctgggtttgga ggttgacaaa ataagtaatt 60
ctctcttttg ttatatatttc tttcaatctt ggctttgatt tgggtgaata agctgggttc 120
atcaaaactta ttatcagcct ataatgagat acatgacatg gagcagca 168

<210> 30219
<211> 209
<212> DNA
<213> Homo sapiens

<400> 30219
ctgagtgggc ccagagacca gtcagtcttc atgtcaccag gtttgttcaa tcccatccct 60
ggcacggca ggagccatcc agcgaaacct agacagaggt gtttggtgga gtggactcac 120
tttttcagac gcacttgcta gtttgagacc tgaggcattg aaggtgatgg cagctagtgt 180
tccctcatgg gcagcaatag tgcagacaa 209

<210> 30220
<211> 80
<212> DNA
<213> Homo sapiens

<400> 30220
cacgtataga aacgctgttt tttgtacatt gatttttgta tcccacaact ttactgaatc 60
cgtttattag ttctgtctgc 80

<210> 30221
<211> 124
<212> DNA
<213> Homo sapiens

<400> 30221
ctgtattttc ttttaggact ttggagatct ctcaagttgt actgttttct agtattcctg 60
agtatattcc tttggtaacg tgaaagtaaa tagtttatat ttgatgattt tttttttttt 120
tttt 124

<210> 30222
<211> 148
<212> DNA
<213> Homo sapiens

001220 06657560

<400> 30222
cttcatttct gaaaaatatt ttgatagcca tagacttcta gggggacatc actctaaaaa 60
tgttccatcc cttttcatcc tttcttggtt ctaaccctta tcattgtttc tctatgtgta 120
atgagtcctt ttcttctagc cggctctg 148

<210> 30223
<211> 79
<212> DNA
<213> Homo sapiens

<400> 30223
atcagaatcc tcctccctat gctccgttgc tgaagctcag ttgctcggct ggagctgagc 60
taaacagaag cgtcagatc 79

<210> 30224
<211> 218
<212> DNA
<213> Homo sapiens

<400> 30224
cctagaacat ttaaaaaagc atagtctggc caacagctga catacatgga aatattttgt 60
cattgtcaca ggtagacag tgtaatttag ccactgcac tgcaaaaaag ccaaacactt 120
cctggaatt ggaaaattgt tatactgctt tgggtctgta agttatata taattcattt 180
ggtgtgagaa gaactagtaa taaagtatga aggtctac 218

<210> 30225
<211> 247
<212> DNA
<213> Homo sapiens

<400> 30225
agtgatttca aatttaggat wtwtgttgt tggtvghnwa ctgtccctt agtttcttgt 60
tatttccaat ttgttctgca wagtcatcatt ttttaattct kktcttacta aaattttatg 120
gtggttgagg gaaggaggt agcatcacta acctgacagt tgttgccagg aatttgcddt 180
gtttactgcb agtakatkag aaatccbaga tctcagaatc acaatagtaa taaacaacag 240
gggaggc 247

<210> 30226
<211> 137
<212> DNA
<213> Homo sapiens

<400> 30226
ctgtaggaaa agggagaatc ttccatgttg gtgtttttcc tgtaaagatc agtttggggt 60
atgatataag caggtattaa taaaaataac acaccaaaaga gttacgtaaa acatgtttta 120
ttaatttttg tccccca 137

<210> 30227
<211> 100
<212> DNA
<213> Homo sapiens

<400> 30227
tgtggttgtg tgctgtttg tctcgtccat gagagtaagc ttttaagaac tggaactctg 60

caccaaattgt gcagtgaaat gactttgttg gagaccacat

100

<210> 30228

<211> 253

<212> DNA

<213> Homo sapiens

<400> 30228

acatgtgttc	tcgttattca	attcccactt	atgagtgaga	atatgcagtg	tttggttttt	60
tggtcttgcg	atagtttact	gagaatgatg	atttccaatt	tcatccatgt	ccgtacaaag	120
gacatgaact	catcattttt	tatggctgca	tagtattcca	tggtgtatat	gtgccacatt	180
ttcttaact	agtctatcat	tggtggacat	ttgggttggt	tccaagtctt	tgctattgtg	240
aatagtgccg	cgc					253

<210> 30229

<211> 273

<212> DNA

<213> Homo sapiens

<400> 30229

ctaaaattgt	caattgtgag	gtgtgctttt	ctcatcatgt	tggttatatt	gcacaattgg	60
ttatatatt	gacctgat	tcaaagactc	tggcattgat	agccagtgtg	ttttcttatt	120
taactccgtt	tactacattc	tacatgggtg	ttacgtgatc	cacacttgaa	atactagatc	180
agtagacatt	cactaatata	ccaaaataaa	atgaaaaatt	gagtttttcc	gtgaacttta	240
tactgtccag	ctctgttgat	tttaaagcct	ctt			273

<210> 30230

<211> 158

<212> DNA

<213> Homo sapiens

<400> 30230

atgataattt	ttcttttagt	atatgggtgat	tagtttactt	tttattcaac	tgtgtctttt	60
tttgaagtct	tcttcattga	aatatattgt	tactaaatat	agaattaatg	gctttcttta	120
agcattcaa	agataatcca	ctgttttctg	gaccccaa			158

<210> 30231

<211> 142

<212> DNA

<213> Homo sapiens

<400> 30231

tataatcttt	aattgtccat	ggatgttaag	aactgcctct	ttttccctgc	tctgtttgct	60
tacgtacctg	tcattaagta	attttcacat	attccaaaga	agctaagtag	tacctctaaa	120
tgcttgattt	cttctccccg	ct				142

<210> 30232

<211> 177

<212> DNA

<213> Homo sapiens

<400> 30232

caaatgcgag	gaggggtgct	agacctgata	agtctaggaa	gaccagtcag	cttgatagcc	60
agttgttaaa	ctaaaggacc	acaaagggtg	gttttagtagt	tctgatatgg	gattactatc	120

agtttataca tatgtataga ttttctttta attataaaca gccagatagc cagcaac 177

<210> 30233
 <211> 110
 <212> DNA
 <213> Homo sapiens

<400> 30233
 catttaatca tgatctttac agaaaagaac atgttattcg tattttgcta atatcaactg 60
 catggattaa agtagtcctt ccatacatgg ggaagtgttt ggagcaaaga 110

<210> 30234
 <211> 99
 <212> DNA
 <213> Homo sapiens

<400> 30234
 aaaccattga actgttttct gtcactataa attagatttg tcttttctag agtttcatgt 60
 aaatggaatc atacactaag tactctttgt gcttggtc 99

<210> 30235
 <211> 163
 <212> DNA
 <213> Homo sapiens

<400> 30235
 cacacatata aaaaaggaat tagacttcat atactgtctt gcaaatttct tcttaaaact 60
 taatggattt cttccacata ggcacatttg acccttgagc aatgccaacg ttagggatcc 120
 ccctgtgcag tgggaacttc acatataatt ttagacaccc cgt 163

<210> 30236
 <211> 429
 <212> DNA
 <213> Homo sapiens

<400> 30236
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 cctgtagcac tgcaaagtga tgtgctgggg ttggcttggt ttggctcgtg agagcctact 120
 ggtaaaattt ttaggaattt aggagttttg caagctggtt gttaaacaga gccattatta 180
 taaattacat tgaataaact tgcaattaag ttatagtaaa agcagaagta ctaaattatta 240
 aaaatgtatt acttcccaat ttttccacta ttatctgtgt tcttgaggtt atctgtgact 300
 attacatttg cagagtggaa atattctata atagtgtgct gagagcctct tctawsactg 360
 tatttggttg cattagcctg aaatcagtga tcgtgggata tttacaccac caaaattggc 420
 aaacgctat 429

<210> 30237
 <211> 118
 <212> DNA
 <213> Homo sapiens

<400> 30237
 acaattcgag atgagatttg agtggagacg cagagccaat gcctgtcact tggagacagg 60
 gcttcgccat gttgtccagg ctggtctcga actcctgacc taaaatgatg caccgcc 118

<210> 30238
<211> 210
<212> DNA
<213> Homo sapiens

<400> 30238
gcgctcrsctc ctgagtagct gggactacag ggcggcgcta ccactcccgg ctaatttttt 60
ttgtgtgtgt gtttttagta gagacggggg ttcaccattt tggccaggct ggtctcgaac 120
tcctgacctc aagtgatccg cctgccttgg cctcccaagt tttgtttgtt ttttatttct 180
tctaaacaaa acaaaacaaa caggatcact 210

<210> 30239
<211> 362
<212> DNA
<213> Homo sapiens

<400> 30239
ataaagaata tgcccagaga gatgatgaga taatgcatcc ctgaaacaag gacaggatat 60
tgttcagaga atgtttccaa ttacaggac agttgtcaaa ataaaacatc cagtggaaaa 120
gttgtaagac aaagttaacc caatctccta gaatgtagaa caaaaaagca aggagatgtt 180
tgataggagg aaaaaaaacc aagaaaacta gaagatgaaa ttaaggagggt gtgacggtta 240
ggagttctag aaagagagga tggagaaaaga aggaaatttg caaacagata gtaccccaaa 300
atgttctgag ctctgaaggg tatgcatttt tggattgaaa gatcccacca agttcccagc 360
aa 362

<210> 30240
<211> 162
<212> DNA
<213> Homo sapiens

<400> 30240
cctcacacta ctatttataa tgtaaaagaa gccaaagatc cagggttcaga tatttctgcc 60
tttaagttac ctgaacacaa atcaagtacc ttcaacagag ttaatgccaa tatgtctcat 120
cctttagttt tggggaaaca tcctcttctt tcagggtggtg cc 162

<210> 30241
<211> 190
<212> DNA
<213> Homo sapiens

<400> 30241
aagaatgctc taaaccactt cttcccacag agtcttttccc atttgaacgt taagtccttt 60
tacttactgc tttgattttc atgagcatgc aaacggttct gaggagacat aaccttcatg 120
tgagtttcag tacttttccc cagagcatgt ttgacagtag aagttactac gagagattta 180
ggtcccctaa 190

<210> 30242
<211> 109
<212> DNA
<213> Homo sapiens

<400> 30242
tccaaacaag aggtgacata atctgactta agtttttaaaa gaatcacctt gggtgttgtg 60
gagagaaaag tctgtaaggt caagtatgga agccaggaga tcaggaacg 109

<210> 30243
 <211> 227
 <212> DNA
 <213> Homo sapiens

<400> 30243
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 tgggtgtttg gctagaggtc ataataaaat tttaacattt taaacaatat ttcttttaaaa 120
 aactgctgtt gggattttta tgaagattat attgaatttg dttaccacwg taagttgtat 180
 tgacatcttt gasaaactat tattttttga ttcttgagca aacatat 227

<210> 30244
 <211> 201
 <212> DNA
 <213> Homo sapiens

<400> 30244
 catgtaagg gcatcacag gtcccaggga ttatgaccca ggtatctttg gagcacttgc 60
 tcagccaacc ccagctccaa atgtaaaggc atgcacagtg gagagccgct taattcagca 120
 tctcctcaca gggcctccag taggcacctc ctccctctc ccatctgctc caggaaatgt 180
 ctgctccagc ttctcccca t 201

<210> 30245
 <211> 226
 <212> DNA
 <213> Homo sapiens

<400> 30245
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 tcagcaggga gccgtgtcca cttaggcgaa cgcctcctcc gaggaccata gtcctcaggg 120
 tgcgaaccac ttagctggcc atagcaagg tgttgatgt tggactctc tgcgcccttg 180
 gagagaggtc ctccacgact tctacgcaa tctttttacg gggcgg 226

<210> 30246
 <211> 172
 <212> DNA
 <213> Homo sapiens

<400> 30246
 ttagattaat tcaagttgtg tgctatatatt cttgtataat ttacaaagtt acacaaaata 60
 taaagagcag taaacttgct tgaaagtttt tggcaaagga aggtaacttc aatgtaatag 120
 cttcctttta gagtacagga aaatgcattc tgtaatgaag tggggcccaa gt 172

<210> 30247
 <211> 274
 <212> DNA
 <213> Homo sapiens

<400> 30247
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 aaggacaaac atcctgcata tacaaatctg gacggatctt caaatggcag cttaatgatc 120
 tagttatgcg waatctgtaa agaaacccta tagctttata gcaaacatag ctgtagtttg 180
 gattacatct tatgmntaaa acaaamvcat gttttactaa tatattaaac atacgamgta 240

274

<210> 30248

<211> 329

<212> DNA

<213> Homo sapiens

<400> 30248

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tctctttgtc	atgacccgat	tatgtatact	cttgggttta	ggaaggacaa	aagtgatgaa	120
atttgcattga	gatagaataa	atatcttagg	aggagtgaaa	gaacctgagg	aagagacacg	180
accctaaggg	aatgaatgca	taagcagtc	tctcagtagc	ccagagtttc	caggaaacag	240
gaatatttat	atcccttgcc	cactcttaaa	atacatagat	acataaaaag	gcagtctctg	300
tagacaacac	atgcacacac	ccacagcct				329

<210> 30249

 $\langle 211 \rangle$ 202

<212> DNA

<213> Homo sapiens

<400> 30249

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gggaaattaa	aactgggcc	gcaaggctgg	acagttagagt	gaagggaatg	ttgagatatg	120
agactggaga	ggtaagcaaa	tgccaaataa	tgaaggactc	cacaaaccat	gctaaaagag	180
tttgggtctt	atccagaggg	cc				202

<210> 30250

<211> 306

<212> DNA

<213> Homo sapiens

<400> 30250

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ctgctcctca	tctggaagt	gtgaccagga	tcttgtttga	agacctgtcc	ccagccccag	120
tcctgacctc	ttgcttacca	gctattgagt	ggctatgaaa	acataaagcc	cctggaaacc	180
agcaagccac	atcttctgag	atactgtcct	gccctccctt	ttttattgtt	ttgaaatatt	240
cctctcacc	ccccacgtta	aaacataacc	atgtgtattc	actcctgagt	gactttcccc	300
caaaca						306

<210> 30251

 $\langle 211 \rangle$ 210

<212> DNA

<213> Homo sapiens

<400> 30251

cctaggcatg	cagcctttat	tccaaggtgt	agtccttatt	cctagtgtga	tgtggccttt	60
ctgatacaga	aacactgaat	atccagctaa	atgcctgaga	tgctcagcaa	gagctttcca	120
ttttggctat	gctagagctc	caacatatgc	cagcatttat	aacctctggt	atatagtgct	180
ggtttggttc	tcaaccctgc	atcaggcaga				210

<210> 30252

$\langle 211 \rangle$ 180

<212> DNA

<213> Homo sapiens

<400> 30252
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gaagaactct tagaagaaag gagagaaaat aattaagata gagctagtta tcaaaactgc 120
cctttgaaat ctaagtgtag acattggtag cttacattgg ttgctgaccg ttgggggtac 180

<210> 30253
<211> 237
<212> DNA
<213> Homo sapiens

<400> 30253
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tttcccttcc ctataccac agatgttctg tggatcatta atttacttgt gagatgatca 120
gcaggtttta agtcttttat tattgtcgtg tcatttgcac acataaataa caggactagc 180
ttaaccttaa accagctctt tcccttttct gcttttcttc tcatttcaca tccccct 237

<210> 30254
<211> 159
<212> DNA
<213> Homo sapiens

<400> 30254
gacatgccat ttctagggtc tgtgactttg acaatgaggc tgtcattttt ttccctcaga 60
tttgtagtca gtgagagtat tttttctttt ctctggaaca taagcttctt ctcaaagtgt 120
taatttcaaa catgaaaagt aatcctgagt gcagcctga 159

<210> 30255
<211> 117
<212> DNA
<213> Homo sapiens

<400> 30255
ccttgccctc cccacagtg tgggattaca ggcgtgagcc actgcgcccg gctgggttta 60
tttctttata cattgtagaa agctagcggg ttactgtatt ctttttctca aacagca 117

<210> 30256
<211> 363
<212> DNA
<213> Homo sapiens

<400> 30256
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tgcagctgat ctgggcacaa cagttttggt acccattgag tggaaagttt gctcaacttt 120
aatttttcag tcagaatagt gtaagctaag ccaattttaga tatctatggg gttgactatt 180
gtttgtgctg ttaattcttg ttcttcttca attaaggcat ggacataatt tttttcaatt 240
tttttttcaa acgatgtgga aggcttgctg ctatgtgctt catcttcagc atcatctcat 300
cccttcttaa aatgagttat ctgtttgcaa actgctgatt tcttttggag aatcatcccc 360
act 363

<210> 30257
<211> 123
<212> DNA
<213> Homo sapiens

<400> 30257

agatgactct cggtggagaa aggagcccaa ggaatgagaa atatgaatgg taagatttct 60
 gaaacaaatc tcagacccca aacacaccct gctctatcaa agcaactgca tgctgagccc 120
 ctt 123

<210> 30258

<211> 248

<212> DNA

<213> Homo sapiens

<400> 30258

agatttggtt tttttccatc tctaaattag gatttctaaca taaaattgcc tgctggggtt 60
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 aagcagttaa ggcttagaat agtgactgtt aaatagtact ttttccctc aaatgggttt 180
 cagttccaaa gtcttaacag aattgctttt acagttttga cctgcagggtg catattaaca 240
 gtggccca 248

<210> 30259

<211> 329

<212> DNA

<213> Homo sapiens

<400> 30259

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 gaatacctta aggaggactc ttgaggctca taatggagtt cctggggcac agggattagt 120
 tatgagcatt aaagttccta agaccagtg acagtactgg gagaaaccaa ggctgaagag 180
 tcaggttgaa gcacaggctt ttgtttttt ttgtttttgt tttttgagac agagtctcat 240
 tctgtcacc caggctggagt gcagtggcgc aatcttggct cactgcaacc tccgactccc 300
 aggttcaagc aattctcctg cctcgcctt 329

<210> 30260

<211> 102

<212> DNA

<213> Homo sapiens

<400> 30260

tttaaaaaat aaaattaact gggcgtggtg gcacgcatgc agtggcatgg tgatgactca 60
 ctgcagcctc tgcctcctgg gctcagggtga tcctccccgc ac 102

<210> 30261

<211> 165

<212> DNA

<213> Homo sapiens

<400> 30261

catttctttt aaagattaat aactttttat tacctgttga atactttacc tattgattat 60
 tataatgtata gttgcttgag ctgtcaatca ttgtagcatt tggaacataa aatgcgtgta 120
 tttagcaatg tagtccccta gtaagtgttg ggaaatcccc agtct 165

<210> 30262

<211> 412

<212> DNA

<213> Homo sapiens

<400> 30262

gcatagaggt	gtttgtagta	ttctctgatg	gtagtttgta	tttctgtggg	atcggtggtg	60
atatccccct	tatcattttc	tattgcgctc	atttgattct	tctctctttt	tttctttatt	120
agtcttgcta	gtgatttatc	aattttgttg	atcctttcaa	aaaaccagct	cctggattca	180
ttaatttttt	gaagggtttt	ttgtgtctct	atttccttca	gttctgctct	gatttttagtt	240
atttcttgcc	ttctgctagc	ttttgaatgt	gtttgctcgt	ttttctagtt	cttttaattg	300
tgatgttagg	gtgtcaattt	tggatctttc	ctgctttctc	ttgtgggcat	gtagtgctat	360
aaatttcctt	ctacacactg	ctttgaatgt	gtcccagaga	ttctggtatg	tt	412

<210> 30263

<211> 112

<212> DNA

<213> Homo sapiens

<400> 30263

tacattttcca	gcatttttcta	ggttgactac	aaaaatggct	ctacaactga	gtaggttaag	60
gttaagcctt	tgttgtgtga	aaagactgta	actttacatt	ccgcgggcca	aa	112

<210> 30264

<211> 91

<212> DNA

<213> Homo sapiens

<400> 30264

cagccagatc	acttgaggtc	aggagtttga	gaccaacctg	gccaacatgg	tgaaactctg	60
tctctaacaa	aaaaaaaaaa	aaaaaaaaaa	a			91

<210> 30265

<211> 212

<212> DNA

<213> Homo sapiens

<400> 30265

ctacttggtg	cccatgcctg	aaatttgga	gcatatgtac	aaaaatcatt	tttacgtttt	60
atttttaata	aatcattgtg	tttgaccgta	catgtctaac	attttttttc	taggatccat	120
tccgtaccgt	tttttaagg	atatttggtt	aagactttac	gtgttaattc	tttattcttg	180
atgtgtactt	agagaaactt	aagaggtcct	gt			212

<210> 30266

<211> 166

<212> DNA

<213> Homo sapiens

<400> 30266

actttcaatt	tatgtgtgta	tttacagggtg	atgggagtct	cttgtagaaa	gaatatagtt	60
aggctctgtt	tttaatccat	ttaccatttc	tctgtcttct	tactggataa	tttaatctat	120
gtacattcaa	ggtaattatt	gatagataag	gacttgtact	gccctc		166

<210> 30267

<211> 179

<212> DNA

<213> Homo sapiens

<400> 30267
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 tgtatcattc atttatttct gaagtattta ctgaacactt tttatgtgtt aggtactgtg 120
 atagacactg gagatataat tgtaggcaat atgggtactg tttctgcttt cctgggtgca 179

<210> 30268
 <211> 251
 <212> DNA
 <213> Homo sapiens

<400> 30268
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 catacacaag cttgaaaact aaactttcta atgttatcaa cagtgtctaca gatacagaag 120
 aagtcacat aatgcttgat ggcctgttac ctccctgacac ctattttaga ttcaatcctg 180
 taatgtgtga aaacatacct ctagatgaaa gtcgaaatga aaagctggat cagctgcagt 240
 tggaagggtc a 251

<210> 30269
 <211> 146
 <212> DNA
 <213> Homo sapiens

<400> 30269
 accctctgtc ggctccggct gcggtctccag cctcgactat tattttatatt attttgggtc 60
 gtgcacaagc ctacgtgcct gcagtcgag cctcctcggc ccgctgggag ctcctccctt 120
 ggctccggag cccagaccc cggccc 146

<210> 30270
 <211> 242
 <212> DNA
 <213> Homo sapiens

<400> 30270
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 gaggtctgag agaactaacg gctcgggtgcc ttctccctgg tctcagacca tcgtctytgc 120
 actgcgaagg catttggtag cctcgccact gagatactaa ctagacctag actaggagct 180
 ttatcaggtt ctaggaaggtc ctttaggaag actctcaaag gcaaatccct gatcccccac 240
 cc 242

<210> 30271
 <211> 161
 <212> DNA
 <213> Homo sapiens

<400> 30271
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 ttttttatac tggagaagta ggaaaattcc ttgactaggt gattaaaatt aacatcacc 120
 aatgaggggc agatgaacat gggatacagt aagaaggaca c 161

<210> 30272
 <211> 171
 <212> DNA
 <213> Homo sapiens

<400> 30272
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 gcagagtgc agttgctaaa agccattgaa atgttagttg ctggtaaact atatacctaaa 120
 ttataatgct tctgtgtatt gttagaatga gaaatgtttg tatcagacct c 171

<210> 30273
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 30273
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 gtccctgccac gccgcctcac cgcggtataa ggtcgtccca tcctgaatgg ccggtgcgca 120
 gactcaattg cgactttgag gctgtcagcc gccacccggc aaccttccag tgaacaggat 180
 tctgggtttc tcaaagctgt aattggaggg ccactccaga ggtgttaaag ctccagcact 240
 tcgagcctgc ctctgtggaa agtcttaggc tgagtctgta ggtgtctgca gttaagaagc 300
 cagcgtctg catatgattg ctccaggggg g 331

<210> 30274
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 30274
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 agctgcaggc ccgaagctag acgggatcga ctacaacccc tgggtggagt ttgtgaaact 120
 ggccagtgc catgacgtcg tgaacttggg ccagggtctc ccggatttcc caccaccaga 180
 ctttgccgtg gaagcctttc agcacgctgt cagtggagac ttcattgctta accagtacac 240
 caagacattt ggttaccac cactgacgaa gatcctggca agtttctttg gggagctgct 300
 gggtcaggag atagaccgc tcaggaaatgt gctggtgact gttggtggct atg 353

<210> 30275
 <211> 201
 <212> DNA
 <213> Homo sapiens

<400> 30275
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 ctggactgct gtgacttggt actcttctgt agtcatgtgt aacatgtggg ctccgctgga 120
 aaaaagcaag gattaaagta agtccctaatt tctagggatc tgtatttgca ggtctagcct 180
 taccaaaatc taggccccaa a 201

<210> 30276
 <211> 137
 <212> DNA
 <213> Homo sapiens

<400> 30276
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 aactctgtac tcccctgtta ctccccatt ttacagagga gactgtaggc ctggagatat 120
 taaatgactt gctgtgg 137

<210> 30277
 <211> 443

<212> DNA
<213> Homo sapiens

<400> 30277
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ctgggatctc trttctatatt cattaatcta tgtgtctgct cctctaccaa taccacactg 120
tctttattac cgtcgctata tggttaagccc tgacatcatg aattttcttc tttttcatac 180
gttttggtcta ttctagtgtc tttccctttc catataaatt ttaaaataag cttgtctatg 240
tctacaaaaa aatcttgctg agatttggtt aagaattgca ttaaaccagc tgggcatggt 300
ggctcacggc tgtggtcaca gcactttgga aggctgaggc aggaggattg tttgtkgcca 360
ggagtctgag accatcctgg gcaacatggt gaaacttgtc kctacagaar aatacraaaa 420
attggccggg cgtggtggca aga 443

<210> 30278
<211> 121
<212> DNA
<213> Homo sapiens

<400> 30278
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cctttatctt gcactttttt gctttggatg gtatgcctta cactttcttg taaaaagtgg 120
a 121

<210> 30279
<211> 139
<212> DNA
<213> Homo sapiens

<400> 30279
cccattctgc atgccctccc cacttcccc gattcagaga cttagaagca tcagagttga 60
taaattagat tgaaaccatt ccagtaggaa atcaggcagt tccctgttga aagttgtctg 120
gctttttgca cgtgagccc 139

<210> 30280
<211> 264
<212> DNA
<213> Homo sapiens

<400> 30280
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cctcaacgac ctggaggcgc cgcacgagga cgacgctgag ggggaggggg agtgggactg 120
agcgtccgca gaggtgaccg aaaagccgta tgatgatgtt cccgatttct ctgttggtcg 180
gagtcggcca gttgcctgaa gtagggaagc tgagtgtgtc gctccctggt ccactgtttc 240
tcctataaat gtaaattgggc cagc 264

<210> 30281
<211> 423
<212> DNA
<213> Homo sapiens

<400> 30281
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aaattttata attgcctgcc atgaatgaag ctctgttttg cactttatgt aaatatgtgg 120
gcataaatat gatgtctgtc ttaattgatt ttaccaagaa gtatgaaagt tagatgtgtt 180

caaaactaag	cttcaaggcg	gaaatacata	tcccaattaa	tataccaaga	aggtgctgcg	240
gagggaaatt	gcaattctag	atgtattaga	tttctatggc	tgcataatag	actaccgtaa	300
gcttagcagt	ggaaaacaac	acacatgtgt	catctcagtg	ttmgagagtc	cagggctctgg	360
gaatggcgta	strgggtctt	cagcaaggct	gccatgmagt	gtcagcttgt	gaggcttggc	420
tga						423

<210> 30282
 <211> 271
 <212> DNA
 <213> Homo sapiens

<400> 30282						
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atttttattc	taaattctag	tgaagctgaa	aatattcacc	taccatgtct	taggttgtcc	180
cttctacttt	taaaaaagca	cacggattgg	tatgtttagg	ggtgaaatgt	cataatgctt	240
gtatcttacc	ttcaaaatgt	ttaggggaag	a			271

<210> 30283
 <211> 87
 <212> DNA
 <213> Homo sapiens

<400> 30283						
cctatgtgcc	tgctcagctag	cttcaacaat	taccaactct	gagctactct	tttatcaata	60
ataccctact	catatctctc	actcccc				87

<210> 30284
 <211> 227
 <212> DNA
 <213> Homo sapiens

<400> 30284						
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agagccaaaa	atcagcctga	atgtacaagg	aagcaatgga	ttttgaaaaa	caacctccag	120
ccagaaarcs	tccamcaagc	gggcaggtct	ccagtgaagc	gatgcacart	ctgtcctggc	180
ctcyagccag	cncgtgggtg	ctcmcccat	ccaggccwya	cagcagc		227

<210> 30285
 <211> 190
 <212> DNA
 <213> Homo sapiens

<400> 30285						
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tctttttcttt	aagaatgttg	aatattggcc	cccactctct	tctggcttgt	agggtttctg	120
tcgaaagatc	cgctgttagt	ctgatgggct	tcccttttag	ggtaaccgga	cctttctctc	180
tggtgcctc						190

<210> 30286
 <211> 285
 <212> DNA
 <213> Homo sapiens

<400> 30286
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 gtgttttggt ttctgtcctt gtgatagttt gctcggaatg atggtttcca gcttcatttt 120
 tgtccctgta aaggacatga actcatcatt ttttatggct gcatagtgtt ccacgggtga 180
 tatgtgccac attttcttga tccgggtctat cattgatgga ctttgggtt ggttccaggt 240
 ctttgcatt gtgaatagtg ctgcaataad catacatgtg catgt 285

<210> 30287
 <211> 108
 <212> DNA
 <213> Homo sapiens

<400> 30287
 gtgtgtgccca ccattgctgg ctcatTTTTT tgtattttta gtagagacgg gggtttcaac 60
 atgttggccca gctgtgtctt gaactcctta cctcaaatga tctgcccc 108

<210> 30288
 <211> 187
 <212> DNA
 <213> Homo sapiens

<400> 30288
 cataaatgat agcactgcat acaatgtaaa agcaagtaag tactcacaaa attgttactt 60
 tttggttatg gtgtttttat tttaaaagac agtatacgcc tctattacat gagttgcatt 120
 tatcattcag ttaatgtgat ttcactttga aattctgtga ctttttcaaa aagagatgtg 180
 tcgcctt 187

<210> 30289
 <211> 107
 <212> DNA
 <213> Homo sapiens

<400> 30289
 gattatcctt gctgggctgg gaagtgggga aagcagggga gcctgtgctg ggtgmgatta 60
 tctgsaatgg accggggtta tgggargctt gctttggctc gctggaa 107

<210> 30290
 <211> 271
 <212> DNA
 <213> Homo sapiens

<400> 30290
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 gtgcttcctt gttgaatgtt aaattatttt actttgcatt ttataagagt acaaattaaa 180
 actgagccat tgaactgcaa taaatcaaca atagtgtctc atttcaagaa attttttgta 240
 ctgtacatag atttgttcaa taaaacgtct c 271

<210> 30291
 <211> 135
 <212> DNA
 <213> Homo sapiens

<400> 30291

tcaaaacctg	cagttaacag	gatattagac	atcaatcctg	gtaaccaa	attaaagatt	60
ctctttaaaa	aagactgaac	atgtttacag	gtttgaatta	ggctaaaagg	tcttgcagt	120
gcttttcatg	gccaa					135

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<210> 30292
<211> 112
<212> DNA
<213> Homo sapiens
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<400> 30292
taaaaaaaga actagataaa atgagtcagg attaactgtg gctcttccat tccaatggta      60
aacagccact tgctcttgct caaatttcat ttaatgtctg aaagggagag ag          112
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```
<210> 30293
<211> 173
<212> DNA
<213> Homo sapiens
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<400> 30293
caactgacct atctttgaaa tatttttttc ccgatatcac actgttttaa gtactttgtc    60
tttataacaa taaatcttga tatctgttcg tttaagatct tatactatta ttgcccttta    120
tattttctta taaattttag aatcagtttg ttaattttct ccatatgctg cct          173
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```
<210> 30294
<211> 202
<212> DNA
<213> Homo sapiens
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<400> 30294
aatttcaccc agaatccaaa aagccaagat ggcctttctc caaaagagga gtgggcaaag      60
acaaacacaa gcacatatct gatctggaag actgcctgtc ctctgtgaaa attaccagct      120
tcaggggcta tgactttctac ggtcttaagg ataacagctg ggatgaagtc ttggaaacac      180
atcacaaact ccgcaccgat cc                                     202
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<210> 30295
<211> 120
<212> DNA
<213> Homo sapiens
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<400> 30295
agagaagtgt ggttttattt gtaaaaataa gcaaatgcta ggcccttttaa tctaagtctg 60
taactacaca tgtgatattt atgtgtacat ggtacttttc tcgktataag actattccca 120

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<210> 30296
<211> 310
<212> DNA
<213> Homo sapiens
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<400> 30296
cccttgttgc gattcttctg tgaaggtaca gtgtgtatgt gtgtatgtgt gtatgtgtgt      60
gcgtgtctct gtcccagacc ctgtgtcccc casrctgccc cctgtccttc ggtgcttccc     120
agagaccctt ctgagctggc ctgtggggca cggaarccc cctggatggg aggcggggcc     180
acaggctggc tagagggtct ccaccaggcc cactgaacag aacccacggt ctgccagaat     240
gtkccctgag ccacactgt ggccagtggg acagtcttgg tggtgacat cagcgtccat     300

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gcttggtca

310

<210> 30297

<211> 387

<212> DNA

<213> Homo sapiens

<400> 30297

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catttagcag	aaagctctag	caacatgac	ttaattgtat	ccaggrgat	ttgccaaatg	120
tatgtkcat	mtctcaagat	ttggcattag	tcagacatgt	tgatgctagc	cacaatttgg	180
atttctccat	agaataatca	tttatttttg	cagatcaaat	aaatcagagt	ttacaatgca	240
caggggatca	tttatttagc	attcccttgc	tagaagccc	tgtgccaggc	actgtgctag	300
aagtgggtgg	cagtataaag	aaatctgtct	ccacagccac	amaaccagag	ggtgcacatg	360
acttgatccc	tatgaccaag	tcaagtt				387

<210> 30298

<211> 383

<212> DNA

<213> Homo sapiens

<400> 30298

gagtataaaa	taacttaaaa	acaaattggt	gcaccacatg	taatcatcat	agaacaacag	60
gccgtaagac	aaaggggaatt	acagtaataa	gcagttgrac	atcctgtgkt	taagtagatt	120
tttgaagaat	gagctggcct	aaataagatt	ctaggtcatt	ttcaaaactc	aaagcagagt	180
cattaatgag	ttctcatcat	tgcacacat	ttacctcca	taagatacat	ctataatggt	240
tcctgctgac	ctttcagttc	tattgtaagg	tgatattttt	ggtgcctttg	agatctttcc	300
attgaaagta	tttctgttaa	ctatagttct	cagacatttg	ckrtataaat	ctcacttgat	360
aaatctgtgc	tgaaactgtg	gta				383

<210> 30299

<211> 406

<212> DNA

<213> Homo sapiens

<400> 30299

atgtaatgac	tactgagcac	catgccaaaga	acaatatgca	ttcagagcca	aaatattggt	60
agtttcaaag	agctcagtgt	ttgtgagatt	gaaaaataaa	taggtgattc	taatataggt	120
tgagaagggc	tatagtcgaa	gcacaaactg	tttctaaac	aaaaaactcc	taacccaag	180
tgagctgggt	gttagggtaa	gggtgaggtt	aggaataggt	ttctgtgcaa	aggagccct	240
gagctacttc	tgaaagaaga	aacttaattt	agattagtga	ccaaggggag	gaagagcttt	300
ctaggaaaaa	ggacaaaaa	atgccaatga	ttgcagataa	atgtgttttc	tttttgggga	360
atacaaatag	ttttgtatag	ctggggttgm	agatgaggga	ggtgga		406

<210> 30300

<211> 138

<212> DNA

<213> Homo sapiens

<400> 30300

ctaggtggcc	tttcaggtct	gtttgatgtt	aggatttgct	tctccctggg	aagtgggtga	60
tggggaaaaa	gacaccttcc	attggcaggt	gtagacactg	caggctggac	ctcctgggtg	120
tgcttgtgga	ctccgacc					138

<210> 30301
<211> 243
<212> DNA
<213> Homo sapiens

<400> 30301
ttatcatgtg tcttcaacct ttatgtcaat aattgcagac ttagaatagc agttctaagt 60
taatggtaaa atgttaccta ctttcgattc catagcatct atcttctttg agtactttct 120
tagagtgtga ttttaaatgat tatgatcttt gttctaacta ttttgaggct tcattaaaaa 180
ataaattatg attttattgt tagaatcggt tctataaatt aacgtcactg cgcctggccc 240
taa 243

<210> 30302
<211> 201
<212> DNA
<213> Homo sapiens

<400> 30302
tagatgtgtg ggtgggaggg acagagtctt gctctgctgc ccagcctgga ctgcggtggc 60
acaattatag ctactgcag ccttgaactc ctgggctcaa atgacccctc cacctcagcg 120
tcccaagtat aacagctggg acaggagggtg tgtgccacca tgccctggctt attttttatt 180
ttttgtagag aggggggtccg t 201

<210> 30303
<211> 423
<212> DNA
<213> Homo sapiens

<400> 30303
tgtatgctct tgtcttgggc cttggcatga gtgttttctt tacctggaat actcatccca 60
caaacattca cgtggccatc tccttcatct tcttctagtc aaggtattaa tatgtctgat 120
gagacaccta ccctgactac cctattcttt ccaattccca ttactactgcc ctattatttc 180
cataacattg tcagcatctg acatacttta ctatatgttt tatttatttt ctttctcttc 240
tcattacagt gtaaatgcca taagggcagt ggtttgggtc tcttgtttat tgaagtatgc 300
taagcaccta gaatattatt ttacatatac taggtactca gtaaatatta gttgagtaaa 360
tattttaga acagattcat ttcatttctt ccattttgtg gttctgcttc ctttatgtca 420
aga 423

<210> 30304
<211> 410
<212> DNA
<213> Homo sapiens

<400> 30304
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tgtgatttgt tttgtgactt gtcctttgga ggggtgaagaa gtgagaccct acatggcttt 120
ttagtgcatg gatggagcag agacacatct atgaacaact gcctatgcaa actgattact 180
cggcagtata atttatcagt ttgtatgagt aagtgagtgc ttctcactat ggatttagct 240
tgcaattcaa tttaggttaag tatactgctg cagcagcctc gaaaccagtg ctctctgatt 300
gtaccaatta gtaaatcctg aactttacca tcagaaaaag acatagctcc acatttatga 360
atgcctggct tttgagaatg agagtavnta tgtcaccaaa actgccaatc 410

<210> 30305
<211> 106

<212> DNA
<213> Homo sapiens

<400> 30305
cacacgatca tggtagtttg gttgttttgc gagaggggaa ctaggtgggt gatagacaga 60
ggtgggagta aaactttata taccctttct accttttcag ttgtgt 106

<210> 30306
<211> 319
<212> DNA
<213> Homo sapiens

<400> 30306
catcttgaat ttaattaggc tcatatgaca gaattccata gatggaattg acatcctagg 60
tcatatagtc caagtccttg tttatatattg atacctagtg agattaaagg gacattaaaa 120
agtaaagaaa ggaaagacct catatttctt accttccagt agagaaatct ttctatgaaa 180
tcagaggaaa gaattagagg accagaattt ttcctaaaaat caactttcat acatcttttt 240
tcatataaaa ggcatactg catacaatgc taaaatattg tattacattt cctttatatt 300
gatgggagga agggggaca 319

<210> 30307
<211> 201
<212> DNA
<213> Homo sapiens

<400> 30307
gattcttttc attctttgaa atcactttgc tgagattttt ttattttttt tatttttttt 60
ttggagacag agtctcgctg tgcgcccag actggagtgc agtgggtgtga tctaggctca 120
ctgcaacctc cactccccg gttcaggcga ttctcctgcc tcagcctcct gagtagctag 180
gattatagga atgtgccacc t 201

<210> 30308
<211> 176
<212> DNA
<213> Homo sapiens

<400> 30308
ttatcttatt kkatatatct tactcttaat aatttagaaa ggtttaaaat aatagattga 60
cggatatttt ctcttagcac tttgaagagt ttaaaatcat agattgatgg aaattttctc 120
ttagcactat tgtcttttat aatttgaaga tactttcagt ttaaattatg agtggg 176

<210> 30309
<211> 79
<212> DNA
<213> Homo sapiens

<400> 30309
taacaggcaa tctacggaaa gggakknnaa atttgcaatc tatchwtctg acaaagggct 60
aatatccaga atctacaaa 79

<210> 30310
<211> 192
<212> DNA
<213> Homo sapiens

<400> 30310
 caggtgggca gctgtgattg cacaacttga agggccatca ttcacatcta ttcagtggga 60
 gtgggggtccc tgggattggg cagtgtggtg gccctgtgtc tcctcaacst ctgctcctgt 120
 cttcatcacc ttctctctgg aagggaagag gagttggaag gtctctggtt ttcttttctt 180
 tttttttttt tt 192

<210> 30311
 <211> 55
 <212> DNA
 <213> Homo sapiens

<400> 30311
 gcaatagatt ttagtaaaag aaatgtgcaa cacctatagt ttctacattt tagcc 55

<210> 30312
 <211> 206
 <212> DNA
 <213> Homo sapiens

<400> 30312
 aaacatatac aagggttagt gattgaccac tgaagattaa gaatgatggg taaggaggta 60
 ctgatataatt tggtttattgt ccagactact tgataattct ttgcagcatc ctgacaccac 120
 ctctttcctt ctggatccag gaatcatctc ttcataattag ttattgtcaa atgtgttgtt 180
 cctgagtaat tcatatctcc cactaa 206

<210> 30313
 <211> 111
 <212> DNA
 <213> Homo sapiens

<400> 30313
 ggccaacata gagattggcg atggttgtga gattyaagag tgtgtgtgca tcttgacaat 60
 attagaggag gctgagccca agcaggcaca ttctcttcga cccctcccc a 111

<210> 30314
 <211> 127
 <212> DNA
 <213> Homo sapiens

<400> 30314
 actagcttat ggctctgtgg gcttggtgag caagatccca gggcatgtta taaatagata 60
 cccgcagatt tgggaaaagg tttacaagat ttccagccc aagcacatgt taactgctcc 120
 cctcct 127

<210> 30315
 <211> 183
 <212> DNA
 <213> Homo sapiens

<400> 30315
 cctttcttta aacagaggag aaaactgaag gttagagaca gtgaaaaaca tgctcaaggt 60
 cacaggaaac atggtaacaa aactggattc aaacctcagg tctctctaata attaaaagct 120
 tgtgtcatg gcttatgttg gaccaggac gcccttcatt ccatgtgtta gtcaatggct 180

atc

183

<210> 30316
<211> 320
<212> DNA
<213> Homo sapiens

<400> 30316
taaattgaac tccaagttga atagtttggt tttatttttaa aatttctttt caatgtgtta 60
gttcattttg tgttgctatt ccagaatacc acagactgga taattaataa tgaacagacg 120
tttattttggc tcatgattct ggaggctggg aagtccatga gcatgacatc tatccagggc 180
ctttgtgctg catcatccca tgggtgggagg caagagggca agagggcaca agacagcaag 240
caagcaagag ggggccaaac ttgcttttat aacaggccca ctatcttgam vcctaaccga 300
ctcccatgat aacaatatta 320

<210> 30317
<211> 149
<212> DNA
<213> Homo sapiens

<400> 30317
ccatgccttg tctcagtgtc caccctatct ccccatcccc caggctgcag ctttaggaat 60
tagttcctca gctgaaacta aacaccggcc aatagtgtaa tatgttcaac attttattaa 120
cacgagatga atctcagga catggagca 149

<210> 30318
<211> 251
<212> DNA
<213> Homo sapiens

<400> 30318
aaataaggta cagaaatfff atcttgtcaa ttatgccaaa taatctcttt aatgtgcact 60
caaacatgta ataaactttg gataattaaa taatgtgcca aatttaagtt gtaccacaat 120
attcaaataca tagtcttatg gaactctgta attggatata aacaaaaact tgtcatatag 180
gaattttttt ctgtcttttc cctgtgtaca gcaaactgag gaagaaagat cattatttaa 240
tactcgccc t 251

<210> 30319
<211> 149
<212> DNA
<213> Homo sapiens

<400> 30319
attctacgtc gctctttctt gaagagtcaa gtcgttaaaa taccaagtgg aggcattcca 60
caaacaggtg tccacaccac ggccacgcgg acacggagtc ggggaatctg gatccccaca 120
tgcccgccga gaactctcca gctcccgtt 149

<210> 30320
<211> 137
<212> DNA
<213> Homo sapiens

<400> 30320
ctaagatttt aaagtcaagt tagtaactaa ataaccagga aaagttaagt ggaaaccact 60

ggtttttata tgttcaggga caaagacaca agcacctgcc tcttaggcag ttgtaaagat 120
gtattttgag ggcccg 137

<210> 30321
<211> 246
<212> DNA
<213> Homo sapiens

<400> 30321
cactatatgg atataccaca ttgtgtgtgc ccattcatct gttgatgggc attttagttg 60
ttttcacctt ttagccattt taaatagaac tgctatgaac atcgggtgtac aagtttttgt 120
ttgaacacct gttttcagtt cttttgtgta tagacaggta gtccttgrcc tyaaggattt 180
tytgmcttta caatggmgtg mgagcactac acgctcagta gaaaccatac ttttgagtac 240
ccacct 246

<210> 30322
<211> 182
<212> DNA
<213> Homo sapiens

<400> 30322
attgtgtaat gctttatact aggggtctca aacccttggg tggcattaga ttcttacagg 60
agcgtgaacc ctattgtgaa ctgcacatgc aagagatcta ggttgtgcgc tcattatgag 120
aatctaatac ccgatgatct gaggtggaac agtctcatcc tgraaacaaa cywacccccg 180
gr 182

<210> 30323
<211> 132
<212> DNA
<213> Homo sapiens

<400> 30323
gcttttctct cggtgatcc ggccgagtgg ccctgggta gcagctgctg catttccccg 60
gctggctgcg gtcaactggtg gcagtgtca ggcgcccgcc gcccttgacc ttcggccccg 120
cgagccctaa cc 132

<210> 30324
<211> 132
<212> DNA
<213> Homo sapiens

<400> 30324
gcctggggcg gcggtgcagc tcaacttctga ccccgcccc cagggtctcc aggtgtctaa 60
ccagcttccc tccaccggg tgccggtcac agacctccc cgcctgcac tggcacttcg 120
cgcgacccc aa 132

<210> 30325
<211> 91
<212> DNA
<213> Homo sapiens

<400> 30325
ctgaarctct gccttccggg ttcaagccat tctcctgtct cagcctccc agtagctggg 60
actgcgggcg cccgccacca cgcccgcca a 91

<210> 30326
 <211> 82
 <212> DNA
 <213> Homo sapiens

<400> 30326
 cagccatcag tccacctgtg tgagtagacg ctggaccgcg ggggtttctt cttttttact 60
 gggctgtgtc acgcggcatc at 82

<210> 30327
 <211> 157
 <212> DNA
 <213> Homo sapiens

<400> 30327
 ctaatcttca ttatgggtcac tgaaaacaat attgaacagg acatgaccaa agataaaaaac 60
 cttgtggctg gctcactact agacattctt tttattacgc ttcagaaaga acgctttaag 120
 caactgtgaa tttacttcta ctgttgtecc gcccacm 157

<210> 30328
 <211> 217
 <212> DNA
 <213> Homo sapiens

<400> 30328
 caggatccaa gtcttctaag aatgaaaatg ttgaagtcta cccagaacca gccatccttg 60
 tagacatttc tatttggttg atttataaag atttaatat taaagattta atatgagtta 120
 aacatgtttc ttattctgtg atctctaatt agaaagtaaa attcygktgg ccataaatat 180
 aaaggaaagt tttcacttat attttagtca aacacca 217

<210> 30329
 <211> 183
 <212> DNA
 <213> Homo sapiens

<400> 30329
 agatattaag gagtctttaa aatgatcata tgattaattt taggaaatac catgttaaaa 60
 aaagctaaac agttttttatt ttttaactgc aggtcttctc atagccttta atttgcaaaa 120
 atgaaatata aagagttgga tataatatac aacgkttttc ywamctycag ckgactacgc 180
 aac 183

<210> 30330
 <211> 89
 <212> DNA
 <213> Homo sapiens

<400> 30330
 gatttttggtt gatgcatatt tccccgttta agtagccgtt agggcgcagt atcggcagct 60
 tgacaccac caagcaaaaag tttcagccc 89

<210> 30331
 <211> 133
 <212> DNA

<213> Homo sapiens

<400> 30331

tacaaaatta gccaggcgtg gtggcgcatg cctgtagtcc caggtactca ggaggctgag	60
gtagagggtg tagtgagccg agattgctcc attgcactcc agcctgggca aaaagaacaa	120
aactccgtct caa	133

<210> 30332

<211> 282

<212> DNA

<213> Homo sapiens

<400> 30332

gttttcgtct ctctcccca cgaagcggaa tgttttgag cccgatggata acaagaacac	60
tattaacatt cttttgagcc tgttttttaa aagggggagg gagcgtgaag aattgtttaa	120
catttgcca tcgtttggct gcacactaag caccacgaag tatttatggt tgcagatcag	180
gtgcaaacgg ggcttagaga gaaaggatat agacctgcag ctaactggat ttgatttata	240
agagagaaat ctgcagtcaa tgcccactct tgccacatcc ac	282

<210> 30333

<211> 173

<212> DNA

<213> Homo sapiens

<400> 30333

caaaaacaaa aacaaaaaca aaagaaaagg aataatgata aaatcgaaaa tctgaataaa	60
cgtataatga gtaaggagac tagatcagta atccagtctc ccaacaaaga aagcccaggg	120
caagatgagt tcaactggtga attccaccaa acctttaag atttagcagc aat	173

<210> 30334

<211> 217

<212> DNA

<213> Homo sapiens

<400> 30334

tcgggcttgt gttctccctc tcatttttagt ctgacttgac tattgttttt cctttctggc	60
gcatgaatcc atacatcatt cctggaagtg aggcaagact cttgcatctc tacaaagtag	120
ttttgtcaat ttgaattcag ggaaaagttg gtcacagcct gcaaatgact tcatttgga	180
gtctgattgt ttcagttgcc tgacaaatac tacactg	217

<210> 30335

<211> 285

<212> DNA

<213> Homo sapiens

<400> 30335

tttaagtgt gtattgaaat atatggcaaa cttttaaatt tctaagatca ttaaaaaatc	60
cttgttttct gtatgtttta atgttttctt ggctatgtgc aattctaaaa atcagagagt	120
acttgtttgt acccttttct acactttgaa agtttgatag cagaaaatga ataggccaaa	180
agtgacttta aaaaattgtt ttcccaggaa aggacaccaa ttgaaagcac acagctcaat	240
ggattatcac agagtgaaca ccactatttc tcttcacccc agttt	285

<210> 30336

<211> 238

<212> DNA
<213> Homo sapiens

<400> 30336
caattagcag ggcactggcc agagtttgta bvctgtgttt taccttaaca acattctatt 60
tgctctttgt atatttaagt gttgtaagga aacgtgtttc aatcaaaact gaccatgaga 120
taaaggaaag agatgtggct tttgtgatat tctatcacia acacttattg tatctctgta 180
aaatacaatg tatgtatgca tgtaagtgtt tttgtcctaa tgttgctact cccatgac 238

<210> 30337
<211> 303
<212> DNA
<213> Homo sapiens

<400> 30337
caattgttgg taaagggat agaattattg aagaaccaga atttaaccct gtaagttatc 60
gtcattcttg gtttgtgttt atgctcatag ttcacaaagg ccaatggacc tcccacttcc 120
cttcctgtt aatagagtct ggcttaaaag acactcagta gctatctcct aggggaaggc 180
ctagctgcac tctctgttca cttcattccc acttcctttt accactgacc tcccacagac 240
ttatttaact gcttcctttg ggagggacta ttctttcctc tectacctga cctcccctgc 300
gac 303

<210> 30338
<211> 133
<212> DNA
<213> Homo sapiens

<400> 30338
tactggtggg gacctctgtt agtcacttta cctcatccaa agtataaagg aattggacca 60
aataatttac cacatagctc taaaacttaa tttaaaatgt aattccagaa aaaaaaaggg 120
aataagcaag ggg 133

<210> 30339
<211> 122
<212> DNA
<213> Homo sapiens

<400> 30339
aaatacctta attataaaag atcaaagaaa aatattatat ctgacttcct ttcagaagct 60
atgcaagcaa gaagagaatg ggttttaata ttttaattct tgatagaaat aaaaaactca 120
cc 122

<210> 30340
<211> 338
<212> DNA
<213> Homo sapiens

<400> 30340
gtttctgtac actcactggc aggcttggtg sbggetccct cgcccgcccg cccgccagcc 60
tgggaaagtg gggtacagag cgaaggagct cagctcagac actggcagag gagcatccag 120
tcacagagag accaaacaag aaccctttcc tttggttcc tcttcagctc ttccagaggg 180
cttgctatct gcaactctctc ttttgaaatt gtgttgcttt tacttttcac ctttctgctt 240
gggttttatg agggctttgt taagtbnaga gggaaaagag actgagcgar ggaaagagag 300
aggcaaagtg gaaaaggacc ataaactggc aaagccgt 338

<210> 30341
 <211> 113
 <212> DNA
 <213> Homo sapiens

<400> 30341
 caaggtaata gtcgatataa agtgaagcac aggtccacca gattccagaa gctgtgcttt 60
 tatctatgat gttctaccag ctcccatcct ttttttttyc tgtcaggttg act 113

<210> 30342
 <211> 202
 <212> DNA
 <213> Homo sapiens

<400> 30342
 tggaaatctt tttcttttaa agtaccacaag gaatgaatga taatggtaga gaagctccca 60
 tggtagctgt gggatggagg ttttcttggc taaattgatt ttttaatttg tgtttttttag 120
 gtgctagtat gataaattcg ggagcataga agttaggact tgcacacctca ttggaggcaa 180
 aaattgggta ttggggaggc ac 202

<210> 30343
 <211> 334
 <212> DNA
 <213> Homo sapiens

<400> 30343
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 ttgtttgcta cgctacttgc tttttataaa acattaccag tcctgagaag tattagctgg 120
 agagtgtgaa gaaagaacat ttcacatctc tgcccaaatt cacaaaacaa gtaagtagca 180
 gagccaagtc tacttcaaaa tttggtaatc tttatgggtc tgcaatactc tgttttcctg 240
 aataagtaaa atacagctct tttaaatagc acaggaagag tcttggttgc ccctttcact 300
 acaacttatg acttcccatt atacacaccc aaac 334

<210> 30344
 <211> 87
 <212> DNA
 <213> Homo sapiens

<400> 30344
 tratTTTTAGT ggattacaag acagactggg taaaggattt ttttaattgat tgtgcttttg 60
 gcttttaggta atgggattta cttttttt 87

<210> 30345
 <211> 174
 <212> DNA
 <213> Homo sapiens

<400> 30345
 tttgaaatac atctgttaar acttaaaaaac taaagtgtga ttttttttgt tgttgtaag 60
 tttattgaag tttattccct taatcagtga aggacaaccc ttatttatta cctagagcag 120
 ttgtataatt cgctgttaga aattttggta ttgggacagt ggataagcag gcac 174

<210> 30346

<211> 207
<212> DNA
<213> Homo sapiens

<400> 30346
attctccagt cttctatgtg ttgcaaaaag aagagaaatg agcccaaact gtgtaagttt 60
gtggaggaaa actcacacat tcccgggaca gtgatcatat tcttcgttcg cgtgttgtct 120
caggtctaca aagaaagcca tctgtgagct cagcctccag gggctccgca ttgcctacaa 180
cagcacaaaa gccaaaccg tcagccc 207

<210> 30347
<211> 169
<212> DNA
<213> Homo sapiens

<400> 30347
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ggccactag tgtgcatttt aaacaaactt cctaggtgat tatttcacat tccaaaatct 120
gagaactaat gccctgtggg aaacagcacc acttaaaagc aaggccaat 169

<210> 30348
<211> 369
<212> DNA
<213> Homo sapiens

<400> 30348
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gtttctacat taatcttatg ttctcctact ctaccattcc aggaaccgaa ataaggtaga 180
ttgctacaag tatggatttt vatttttggtt attttaaata ttagacagaa caacttattt 240
ataaattacc cttttcaaac cgatcatcat tgtttctgtt tgttaaactt aatgaatctc 300
caacacaact tatttcaact tacaattctt atdcattgac ttttgttaaa gcccatgtaa 360
acaccacta 369

<210> 30349
<211> 63
<212> DNA
<213> Homo sapiens

<400> 30349
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gct 63

<210> 30350
<211> 312
<212> DNA
<213> Homo sapiens

<400> 30350
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ttgtatgctt gctgcgtggg gtccctccat gcagttgcac gaaatcattc ttttattcct 180
gatcctgttt cctgtttatt tcatgaactt gtctgtaggc agcatggtgc tgggcgctgc 240
agnvgccatt aatgcatgag acacagattc cactcaggag agagaagacg aacacagaca 300

cagtacacgg tg

312

<210> 30351

<211> 126

<212> DNA

<213> Homo sapiens

<400> 30351

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caccgc						126

<210> 30352

<211> 191

<212> DNA

<213> Homo sapiens

<400> 30352

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gctctttttt	ggttccatat	gacctntaaa	gtagtgtttt	ccaattcttt	gaagaaagtc	180
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<210> 30353

<211> 162

<212> DNA

<213> Homo sapiens

<400> 30353

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ccaagtcgga	gatgcagatc	cactccaagt	cacacaccga	gaccaagccc	cacaagtgcc	120
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<210> 30354

<211> 292

<212> DNA

<213> Homo sapiens

<400> 30354

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aatttgga	cagtgttttg	ttggttggtt	gatttcgcac	ctttacagag	tctttctaag	180
ggtttaactt	agtattcatg	actgggcacg	gtggctgatg	cctgtaatcc	ttgcactttg	240
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<210> 30355

<211> 242

<212> DNA

<213> Homo sapiens

<400> 30355

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aacttgcttg	gttctgaggc	ctttgaacct	gagctgagcc	acactactgg	ctttcctggg	180

tctccagcct gcaggcagtc tacaggtggg atttttttgg acttcataat aaagtgagtc 240
cc 242

<210> 30356
<211> 300
<212> DNA
<213> Homo sapiens

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ttagatggtc tataaaaatg acaaacttta ttaaaatg tgcaatattt atggaagtca 180
aacagcttca tatcagtgat aaagattggt attaaaagat aaatactgtc tgtaatttg 240
cctcaagttc ctggtttata aaataagaga gttggacact gattcttaac atctcctcca 300

<210> 30357
<211> 203
<212> DNA
<213> Homo sapiens

<400> 30357
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cactggttct gttatttttt aaaatgaata actgatttct tgacaggtgt ttagtatttc 120
ttccctcact gctgattctt ggatagaaac cattctttat atttgataga ctgttttcag 180
aaaactctta tcaacaagtg ggc 203

<210> 30358
<211> 251
<212> DNA
<213> Homo sapiens

<400> 30358
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agaagaatgg caaggctaac agggcagggtg tccgggcgga ggggcggaac tggctgttg 180
catgtggtgg gggagatgct tcatccgggt cttgcatttg ttccctctga caccagcctc 240
gacaggacac t 251

<210> 30359
<211> 127
<212> DNA
<213> Homo sapiens

<400> 30359
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aaattgaagc aaccctcttc tcctcamtcg ggtcatacat aaatccttgt ggatamtccc 120
ccaaarc 127

<210> 30360
<211> 125
<212> DNA
<213> Homo sapiens

<400> 30360

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atcacttaac	ctgcttttgt	cactcggttt	tggtcgggga	cttcaaaatc	agtgatggga	120
gagac						125

<210> 30361
 <211> 302
 <212> DNA
 <213> Homo sapiens

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ccaagcaatt	gcaaacactc	ttaaatcaaa	ttaaaggagg	gggcactaag	taaagaaata	120
gaagatataa	caaagaacca	aatagaaaaa	aatggaaatg	aaaaattcaa	caagtaaatt	180
tttaaaaatt	actggattgg	ctcaataaca	gaatggagat	ggcagaggaa	ataataaact	240
tgaacattca	tcaatagaaa	ttatccattc	tagacaagaa	ataaaatcaa	ttgggggaaa	300
aa						302

<210> 30362
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400> 30362						
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gcattctagg	tcaacggtgc	ggtggcagaa	ccctggggct	ctccccgcgg	gaactcggcc	180
ctggccgagg	cccccaaccac	gctagtagga	ggaggccgag	catccctcct	cgaaatcgcg	240
aaatcccggc	ccgacaatgt	agccacggag	tcgaaagccg	cgtgcgaact	tggcactcac	300
aaagcctaga	taaccgtcta	ttttcatvtg	taaaatagga	gggatggacc	cccacagca	359

<210> 30363
 <211> 91
 <212> DNA
 <213> Homo sapiens

<400> 30363						
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agtgaaaatt	gttgatcttg	ctgtaggggc	a			91

<210> 30364
 <211> 163
 <212> DNA
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<400> 30364						
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acttcatgta	cacagcattg	ggctggggat	ggaccacctaa	cccaagctgg	gaaaacagac	120
tctttcactg	agaatttgct	cgtgagcctc	agagacccca	ttc		163

<210> 30365
 <211> 387
 <212> DNA
 <213> Homo sapiens

<400> 30365
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 aggattttta tagttttggg ttgtagattt aagtccttaa tccatcttga gtttaactnt 180
 gtatatgggt taaggaaggg gtccagtttc aatttgctgc atatggctag ccagttctcc 240
 cagcaccatt tattaatatag ggaatctttt cccattgct tccttttgtc aggtttgtca 300
 aagatcacat ggttgtagggt gtgtgggtctt atttctgggt tctctagwkc tgttccattg 360
 gtctatgtgt cggttcttgt accagca 387

<210> 30366
 <211> 166
 <212> DNA
 <213> Homo sapiens

<400> 30366
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 tacacattct ttaacaatat atgaaagagg tgargtcatt atggaaaaac atttcaaaaa 120
 tttctgtttt tggtagctct ttcaagagtt tccctgacca ccccca 166

<210> 30367
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 30367
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 atgggtaatt atgccaggtt gttaactaaa gcttgtgtga aggttaagtg gatctcaagt 120
 tgatttttcc atgttcttca acaatccagc agtaatgata tttaatatatt caggctat 178

<210> 30368
 <211> 182
 <212> DNA
 <213> Homo sapiens

<400> 30368
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 gcgggtggaa tcaaacaca gattagggag ttgaaggct ttattggtgc ggaatctgag 120
 ggcacagcca agccccgcc aactttgatc ccgatccca gcgtcactca gctctggaca 180
 aa 182

<210> 30369
 <211> 278
 <212> DNA
 <213> Homo sapiens

<400> 30369
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 gtgtgccccct tgcaagggtc ggctgcgaa atcaacagac ttataaataa ggtctggtgg 120
 aagcgcagga gcgcacgcm gaggtatgg cgggggaacc tctgtgagtt ccgcggcgga 180
 ggctagaaca tcgctgtggc tgcgggacct tcacccggcg ctgaaaacct tccacatcag 240
 ctctgtctcg gaaatgtctc cgcagctcac cagtgcc 278

<210> 30370
 <211> 142

SECRET

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<212> DNA
<213> Homo sapiens
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<210> 30373
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8818

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128

<210> 30375

<211> 160

<212> DNA

<213> Homo sapiens

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cttttaattt gtcagcctga gatccatcac agctgaatta ggtttcttaa gccgtttatt	120
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<210> 30376

<211> 236

<212> DNA

<213> Homo sapiens

<400> 30376

cacattgcgc aagtttcagt tactagaaag gaaggggaga ataaaattgg taggcacctt	60
atagtcctcg ccatcttctt aatgtaatgt caattttgaa tttttgttg tgatatatga	120
tgcataagca aaccgtgtac tgcttagaga aaaataaact gacacctgtg taccacagct	180
gcacttcagg aagtgcgcgcg ttctacgct tggaagcccc cacatgccgc caccca	236

<210> 30377

<211> 362

<212> DNA

<213> Homo sapiens

<400> 30377

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tcttaagtgc atttgtgcac ttctgtttgt ttgtctcaaa gaagggactg taacaatctg	120
agtaatttcc atgtcctctt ccttattcct ctagtggwtg aagctgtgta gcattttaac	180
atatatatat tcacaaatat attcatataa acagtataca ttttgaatca gtcatttggt	240
aaagaaaagt atattcaatg aagatgaaat ttaaataaaa aaaggacaga gtctatcctc	300
cagggattga acattttcca attatctggt cttttcctgt tgtgcaaaaa tgactcattg	360
ct	362

<210> 30378

<211> 244

<212> DNA

<213> Homo sapiens

<400> 30378

taaagtaata gtatcagagt ggggaacgtc tctctgtatg accaaactcc agaattctgta	60
atagaaaata tctacaaatc ggactgcatg gaaatcaaaa ttttctacat ggcaaacgt	120
tacagttgac ctttgaacaa ttcagggtt ggcgtaccca cccactacgt gcagtcaaaa	180
atatatatat aacttttgac tgcccgaaaa ctttactgat tgctgtcta ttgacctgaa	240
gccc	244

<210> 30379

<211> 71

<212> DNA

<213> Homo sapiens

<400> 30379
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 tttttttttt t 71

<210> 30380
 <211> 320
 <212> DNA
 <213> Homo sapiens

<400> 30380
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 gtcttggtgt tcttgtatga gtaaaatgga tgtaaaatca taaaatcaca gtgaatgttt 180
 caggctacac tggaaaaagt atgcacttag aattaaagga aattgtataa ttcaccaaga 240
 tttctttgtg tagatcaggg gttggcaact atgaccacaca ggctaagact ggtcagcggg 300
 ctgggtttttc acagccatga 320

<210> 30381
 <211> 133
 <212> DNA
 <213> Homo sapiens

<400> 30381
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 attctctcat tatataccta ggagtagaat tactgggtca tatggtaact gtatattttt 120
 gaggaactgc cat 133

<210> 30382
 <211> 203
 <212> DNA
 <213> Homo sapiens

<400> 30382
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 attttctgat gagtaataat ttttaaattg aaccatgaaa cagaacggca aataccaatg 120
 taattccccc aaatcttagt atctggtagg aatttcactg actgtttgct gctacatgct 180
 catcagactc ttacctggcc gct 203

<210> 30383
 <211> 78
 <212> DNA
 <213> Homo sapiens

<400> 30383
 aacacatata tgtcattccc taccatctcc accctctggt tattcagagc tgcaccaacc 60
 atgttcacat cctcacct 78

<210> 30384
 <211> 156
 <212> DNA
 <213> Homo sapiens

<400> 30384
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tgtgttttagt tctcagctac tttgagttac atttactcct tcagaaatgg catgaaattt 120
taatgtgtta tcccacatta ttcataagaa tcaggg 156

<210> 30385
<211> 312
<212> DNA
<213> Homo sapiens

<400> 30385
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aagcttttaa gaatctagat agcacgcagc atcatgtcca ctctwnnhaa agccagaata 120
attaatagtt cctataaggt gatttggaac caggaacctc aattgccaaa tcaaggccaa 180
aataacaaat ttgatagatt atgggatcaa ccttagccaa atagcttata ccatgaaaca 240
atatataata gttccaactt gcttgTTTT ttgatccaag ganwagaagt atgagcaacg 300
gcacagacac ca 312

<210> 30386
<211> 169
<212> DNA
<213> Homo sapiens

<400> 30386
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gtgaagtact aggtctagtt cttcgtaccc accatactaa taccctatca aatattaaca 120
gtattaaaca tggagaaaat aaaactgtaa cttttaagca tggaaaccg 169

<210> 30387
<211> 238
<212> DNA
<213> Homo sapiens

<400> 30387
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tttttctatg ctaaaaatca attagaaggc tagtgaaaac agtttaagat ttttaaaatt 120
aatcctgtcc ttaagatgta tcccactagg aatggaaggt caaatagctg catttaaaaa 180
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<210> 30388
<211> 367
<212> DNA
<213> Homo sapiens

<400> 30388
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acaatatatt ttggaacag ctttattgag atataattca tgtatcatat aattaattcc 180
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actcagtttt agaatatatt caccartcta aaacaaaacc ccatttagca gttactgccc 300
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ctactct 367

<210> 30389
<211> 381
<212> DNA

<213> Homo sapiens

<400> 30389

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attttatacc	cttgtctttt	atattaactt	tttcttatta	ttcttttaggt	aagaatgatt	180
gatgttggct	gatattggag	tgctcattca	catgaagtgg	atagatactt	ctcaagacat	240
cacacagcgt	gagtcaatca	aggagggaag	ccacaagcag	actgacaacg	tttctaggta	300
agttaaata	ttcttagtct	gttaaactgt	cttcagaaag	gcccttgggt	ggtacaaaaa	360
taacaatact	aatgtgggaa	a				381

<210> 30390

<211> 97

<212> DNA

<213> Homo sapiens

<400> 30390

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cctcagccar	tttcatagca	agctctgaag	ctgggggn			97

<210> 30391

<211> 356

<212> DNA

<213> Homo sapiens

<400> 30391

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tcgcggaacg	cagctgaccg	gctccctctg	gactgggtga	catgactgct	cccaagcagt	120
cgtttgtaaa	ctgagtttct	gtaaaacaat	tttatttttc	atatgtgact	gtagcggggg	180
atgatttgaa	ctttgttttc	cgtccccccag	cccggtattct	ctgtcttctc	ctgtacagcc	240
gttccgtttt	cttacctcgt	ctccgtcacc	gaggccctca	gccctgaaca	caaggactgg	300
gcagtttccc	tattgattcc	tgaacctgga	acttaagaca	tcttccgagg	ggcccc	356

<210> 30392

<211> 411

<212> DNA

<213> Homo sapiens

<400> 30392

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ccccaaagg	agagcagtat	gtagtattca	tacagaaata	aaatagacat	ctatcagctt	120
gacactgcat	ccattagtgg	caccatcaca	aatgamaaga	gaatttcctc	tgttaaattt	180
ctttcagagt	ctgtccttgc	agtggctgga	gatgaagaag	ttataagggt	ttttgactgt	240
gattcactag	tgtgcctctg	cgaattttaa	gctcatgaaa	acagggttaag	gacatgttca	300
gttttgaaat	tccagagcat	catgttattg	tttcagcatc	gagtgatgg	ttcatcaaaa	360
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<210> 30393

<211> 325

<212> DNA

<213> Homo sapiens

<400> 30393

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tgctgtggaa	ctgggtggaag	ctccggagcc	tccacstccc	ggcctcttgc	cccgggcttc	120
ttgcacttgc	tgcagcscga	cctcccaatc	tatctgcttg	gcctgactca	gaaattcggg	180
cccacttaca	ggctccacct	tgggctgcaa	gatgtggtgg	tgctgaactc	caagaggacc	240
attgaggaag	ccatggtcaa	aaagtgggca	gactttgctg	gcagactgag	ccacttacct	300
acaagctggt	gtctaggrac	taccc				325

<210> 30394

<211> 344

<212> DNA

<213> Homo sapiens

<400> 30394

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ttagcttgct	ttcaagcttc	accccttgca	cttaacataa	gctatttttg	gcatttgtgtt	180
atcatcggct	tattttatag	atcaatattt	ttatttcctt	ttttgctgag	gaaatgaaga	240
taagcaaaaa	tataaatata	tatatrartr	trtgagttaa	taaaatcaga	agaatacttt	300
gtggctgtgc	tgtttgtgcc	aatagacttt	gtcatgacca	aaaa		344

<210> 30395

<211> 256

<212> DNA

<213> Homo sapiens

<400> 30395

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agctcatctc	tactaaaaat	acaaaaaaaa	attagccggg	cttggttagca	gggtgcctgta	120
atcccagcca	gtcaggaggc	tgaggcagaa	gaatcgcttg	aaccaggag	gtggagggtg	180
cagtgaagcc	agatcacgcc	actgcactcc	agcctgggtg	acagagcaag	actctgtatc	240
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<210> 30396

<211> 260

<212> DNA

<213> Homo sapiens

<400> 30396

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tctcaaatgg	ccgttctccc	tctgtccatc	gtgttttcat	gggttacaca	ttttatatat	180
catgaatgga	aaagattctc	tgttcacgaa	ttcctggttc	agaacaaaat	aggaaactaa	240
agtaagcatt	tacgacatac					260

<210> 30397

<211> 230

<212> DNA

<213> Homo sapiens

<400> 30397

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ggaagatgct	tcatctgccc	ctgccagat	ccggaagaac	ggtgaatttc	ccccgcagct	180
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<210> 30398
<211> 66
<212> DNA
<213> Homo sapiens

<400> 30398
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aaaaaa 66

<210> 30399
<211> 341
<212> DNA
<213> Homo sapiens

<400> 30399
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cttttgaaaa tatgatccag tagtgtttat gaatgtgttg twgtgtaaaa tttagagatt 120
gatgttaaac aacagaatta aaggacaaag ctgtcttttt tgttggaatt ggggatggga 180
gagcagctca aagtgggaaa tatggagaaa ggagagacat tgtggaaaag aagagataaa 240
ttgaggggaa aaaaagagga tgaaaaaatg aagagagaga attactgatg tgcttcacac 300
ccrsacctcc tctccaactt cacagtaaca gaggcaatgt c 341

<210> 30400
<211> 329
<212> DNA
<213> Homo sapiens

<400> 30400
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taggggttgtt ttgaaggtta aatgagatas atrrtaaaavy targagcagt gctcagggtca 120
taaaaattgt agtcaatatt atttctttca atttatttgt aaaacaaara agtttttagtc 180
tcaatttcat tctagaagtg taatgtgaat aaatgggtat ggtgtatatt cttccataac 240
tgttccagtt gacagtgtat tttatgggtg tctaattggtc caggatgaag tttattcttc 300
tcaggacttt tataattcat ttgttgcac 329

<210> 30401
<211> 126
<212> DNA
<213> Homo sapiens

<400> 30401
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cacaagctta attagtatag tggttgtaacc caaatcaaca atgggaagga cacagtgaca 120
aaacct 126

<210> 30402
<211> 105
<212> DNA
<213> Homo sapiens

<400> 30402
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<210> 30403
<211> 310
<212> DNA
<213> Homo sapiens

<400> 30403
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ttttgcttta acttgatgg agctggaagc cattattcta aatkbaagta actcaggaat 120
ggmaaaccac ataccacatg ttctcactta taagtgggag ctaagctatg ggtacgcaaa 180
agcagacaga atggtataat ggacactgga gactcggarr ggggcaggta ggggagtgag 240
acatgaaaaa ctacctattg gtgtacagtg tacactgttt tgggtggcagg tgcactaata 300
tcccagatct 310

<210> 30404
<211> 306
<212> DNA
<213> Homo sapiens

<400> 30404
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aggctcggta ccgatgcgtg ggctgggcta ggtccctctg tccatctggg cctttgtatg 180
agctgcattg ccttgctca ccctgaccaa gcacacgcct cagaggggcc ctcagcctct 240
cctgaagccs tcttgtggca agamctgtgg accatggcaa gtccggytkg kttcatccam 300
cayyty 306

<210> 30405
<211> 337
<212> DNA
<213> Homo sapiens

<400> 30405
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ctgtccaaag cctacgtttt attctatatt cctaagaaca caccaaagt aatgcttaag 120
ataccggcta tcatttaact acttataata ttttatagaa gattgactct caaatgtttc 180
taaataaga aattgttatg gaaaaggcaa accatatttg tgggaagcaa agttgatgaa 240
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cgtctgatac adktaatggw aaacctttga ggccaga 337

<210> 30406
<211> 375
<212> DNA
<213> Homo sapiens

<400> 30406
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ccaagaagca ggtagtggga acttgagaaa aattctgtat ttcctgtgta ctiaatctwt 120
aagtcacakg agtttcccc caacccaac catttagttc ttgtgccttt ttttcttgc 180
ctttctgcat aaactagghc ctctagtaca atagtaaata aaagtgggta cagtcttgtt 240
ctcagakgma agcttcacca ttttaccatt aagtarata tgtgcaatwg tgattgtttt 300
taatagatat tctatatgct tctcaaactg tagtgaaggw ccagttttty ttgtgggtgt 360
gtttttgttt ttgga 375

<210> 30407

<211> 412
 <212> DNA
 <213> Homo sapiens

<400> 30407
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 tgctgttctc ctgtatgtgt ccatgtgttc tcatcattta gttcccactt agaagtgagg 180
 acatgtgggtg tttgggttttc tgttcctctg ttaatttgct aaagacaata gcctccagct 240
 ccatccatgt tcctgcaaag gacatgatct cattcttttt atggctgcat agtattccgc 300
 hgggtgtatat gtaccacatt ttctttatcc aatttattat tgatggrcac ttacgtttat 360
 tccatgtctt tgctattgtg aatagtgtg taataaatat atgagtgtat gt 412

<210> 30408
 <211> 232
 <212> DNA
 <213> Homo sapiens

<400> 30408
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 aaaacaggtc attctgttgc caagtaatta cggggccttg sactcagtaa ccttccccac 120
 gaagcaggcc gtagtgtgtc tactgctctc ccttgscctt ccatccccta ctttgatgk 180
 ggrrrtttct ttcyttttac ttttcyttta wtttcytttt ttccgccagk ct 232

<210> 30409
 <211> 205
 <212> DNA
 <213> Homo sapiens

<400> 30409
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 cggtcactg taatctcaaa ctctgtgtct caaataatcc acctcagct cccgagtagt 180
 tgggactgca ggcacacgcc accta 205

<210> 30410
 <211> 375
 <212> DNA
 <213> Homo sapiens

<400> 30410
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 ctataatttc acagtgatgt tgtgggtgtg aaatctttct cattttttga gctgtgtctt 180
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 atcagtatct gcatgtttta tctcttgggc caattgggtt tcttagagaa gaacctcata 300
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 ggaatgatgt cctca 375

<210> 30411
 <211> 232
 <212> DNA
 <213> Homo sapiens

<400> 30411
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 gcagtgtttg ggcccatctc aataaaggcc tagagtgatt gtkgaatcag tgataaaatg 120
 tcccatgact aagcgcttat ttaaagacat atttctcaga ggaactgtaa ggggatttca 180
 gctatgtgag ttccttaaaa acagccacta tccttaaaaag ttgaagatac ca 232

<210> 30412
 <211> 293
 <212> DNA
 <213> Homo sapiens

<400> 30412
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 ctcatgtctc cgaagtgtg ggattacagg cgtgagacac cgtgcctggc cagatggact 120
 tttttggagc atttagttcc aagcaccttc cctgcatttt ctcagttaat cctcccagtg 180
 actctttgaa gcagggacta tgacaatcgt catttcacag atggagcaac tgaggcacag 240
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<210> 30413
 <211> 254
 <212> DNA
 <213> Homo sapiens

<400> 30413
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 ggtcaggatg ggcgcagtg ctcacccctg taatctcagc actttgggag gccaaaggcag 120
 gtggatcacc tgaggtcagg agttcaagac cagcctgact aacatgggtga aacctgtccg 180
 tctcaaaaaa taaaaaaaaa agtgcaggtc aggcattggg gctcttgcct gtaattttag 240
 gactttggga gact 254

<210> 30414
 <211> 116
 <212> DNA
 <213> Homo sapiens

<400> 30414
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 cgtttttggt ttcgaattag acttctttaa aacacacaca cacacacra cacaca 116

<210> 30415
 <211> 214
 <212> DNA
 <213> Homo sapiens

<400> 30415
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 gttctaagaa gtaaaaactg agaaaatggc aaaaaagatt atttgaaaaa ataatggcca 120
 tacagttttc taaatctttt aaaaaaaagg tgtggatata caaatccaag gtgcatgatg 180
 agcttcaagt aggatatacc ccgagagacc cgac 214

<210> 30416
 <211> 88
 <212> DNA
 <213> Homo sapiens

<400> 30416
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 ttcaaagttt aawagtacta aagcctaa 88

<210> 30417
 <211> 347
 <212> DNA
 <213> Homo sapiens

<400> 30417
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 agagtgacca aatagtagga atactgtctc tctattctga ataaaatact ttgaatcaga 120
 tttagaaata atgaataaaa tacaaatcag ccattgaaat tgctctaatt ttgagagctt 180
 atgatttatt catctttgtt ttccaagttc aagttatatg tagacatttt aattattcgg 240
 cagtagtatt gaacatgagt ccagttaagc atctggatcc aactgccaat tttctagaca 300
 cacaaaacaa aaacatggtg aattacacca tgtatatcca gttnsyt 347

<210> 30418
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 30418
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 tgctggcttc tgttggttatt tttccccctc tcttctttgg gtttcagatg aaactgagtc 120
 ccacacaata atgcatgggt gct 143

<210> 30419
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 30419
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 cttaaagtaa acaatcttac aatacaattt ggacttaaac wtggaactta cagttatttt 120
 ttgcagtttc ctagtgaatg attatttttt agacagacac ttaagagcct actaagtatc 180
 aagtgtttta caggtttcat ttaatcttta ctattccggg gaagttttca tttccttggt 240
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 tccaggctct gtctgctgga tcacatttgc ttttgtactt ttaactatga ctgggatata 360
 taattttat 369

<210> 30420
 <211> 332
 <212> DNA
 <213> Homo sapiens

<400> 30420
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 cgggtggata taattcccgg cttctcgaga agacactaca gcctcaagga ggtatatccc 180
 gtgccttacc tgactggggg ctctgagtc agttgtgttg tcttcaactt agacaccatg 240
 gaggcacctc cagtcacat gatgcctgtc actgggggca ccattaacat gatggagtac 300
 ctgttgacag gragtgtttt agatcacagt tt 332

<210> 30421
 <211> 53
 <212> DNA
 <213> Homo sapiens

<400> 30421
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<210> 30422
 <211> 164
 <212> DNA
 <213> Homo sapiens

<400> 30422
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 tcaactgcaag ctctgcctcc tgggttcacg ccattctcct gcctcagcct cctgagtggc 120
 tgggactaca ggcaccacc accacgcctg gctaattttt tttt 164

<210> 30423
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 30423
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 tgaaagcagt gtatatgtag ataattgggat tattacagtt tgagtataat ttgcccagt 120
 aacatttttt gctctaaatt taccataatc agtagagctc agccttttta gtaagcaggc 180
 tgattcacaa tttattgctt gatatgttct tcctctgtat gtaaaacact cttctctttt 240
 ttgatagcca ttttctttat gctgggtttt ctgatgaatc tatatgttat gtcatttaaw 300
 aaganaaatt attgccacat tttgctgtac a 331

<210> 30424
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 30424
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 gctgggatta caggcatgag ctactgtacc cagcctgtgt tatccatttt ttctaataat 120
 accactatta ccttagcagt tactcatatt tgaaccata gaccttttta gacctcca 178

<210> 30425
 <211> 78
 <212> DNA
 <213> Homo sapiens

<400> 30425
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 cgtaagttga tctaataa 78

<210> 30426
 <211> 149
 <212> DNA

<213> Homo sapiens

<400> 30426

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accccctaac tcccgttccct cctcggcggt tcttctccaa gtccgaagtc aggggtccagg	120
actgctgcga tgcattcagcc ccgcctctc	149

<210> 30427

<211> 79

<212> DNA

<213> Homo sapiens

<400> 30427

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<210> 30428

<211> 313

<212> DNA

<213> Homo sapiens

<400> 30428

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ggtaargacc atgttgtagc aggtaaagtc atctttccac ttggaatttg arttgrcaca	180
attaaacca cacatatgtg catacatgtg tgtaaaatat atctaaaatc tctgtatatt	240
taactctcta tatctacttt atataccagg rgttcccaag gggtattgat ttctagttcc	300
ataacacca agc	313

<210> 30429

<211> 75

<212> DNA

<213> Homo sapiens

<400> 30429

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<210> 30430

<211> 62

<212> DNA

<213> Homo sapiens

<400> 30430

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<210> 30431

<211> 147

<212> DNA

<213> Homo sapiens

<400> 30431

tgccaaactg ttttgagggt gaaaggdcac atccattcat ctttcccctt gttattattt	60
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cattttgtaa tgacatatatt atcaaaattg cccaagtttt ytggatag gattaatata 120
gctattccag cttgtgaaaa gggcttt 147

<210> 30432
<211> 158
<212> DNA
<213> Homo sapiens

<400> 30432
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tgaaatttaa aaataaaatt ttggttgaag gagtcttact aacttaaaaa atgtttttga 120
aactgttttc attttatagg kaactagtgc cccgtacc 158

<210> 30433
<211> 388
<212> DNA
<213> Homo sapiens

<400> 30433
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tctctgcac acttgtaaat gctactggc taactnyatt cagtatgctt cattcaccga 120
actttgtgct caaaatgcgt atataccatt ttatgttgta ttctccatt tcacttgcaa 180
aacagaagta aataagagtk cgggaccag ggtcnnartg gtagcktcac ccaatataac 240
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tcttccaggr raactcagtc ttccadctgc aataaratac tgggtagaat caratgggaa 360
aggggttggg tggggcaata cccatgta 388

<210> 30434
<211> 207
<212> DNA
<213> Homo sapiens

<400> 30434
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cctactgttc ttccatcagg aggcccttag gagaccaacg gtttggtaaa cacttagaac 180
tttgccaaaa tacattagga cacggga 207

<210> 30435
<211> 167
<212> DNA
<213> Homo sapiens

<400> 30435
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ttattattgt tattattttt taggaccagt tgtagtgaat tgctactgga aagctatccc 120
aggtgatata gagctctttg taaaccgcag tcacacatta ggtgccg 167

<210> 30436
<211> 340
<212> DNA
<213> Homo sapiens

<400> 30436

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ttttgtcct	ggcatatttt	aaatgctact	gatttttgta	tggtgaattt	tgtattcctg	120
ctactttact	gattttgttg	atcagttcta	agagtttttt	tggtgaagtc	tttctttaga	180
gttttctaag	tataaaagca	tgtcatctat	gaacaaggct	aatttgactt	cttttccaat	240
ttgaatgtcc	tttcttcctc	ttatctaatt	gctctagcca	ggacttctag	gatgatactg	300
aatgaaaatg	gtaaaagtgg	ccatccttgt	ttttcctcca			340

<210> 30437
 <211> 221
 <212> DNA
 <213> Homo sapiens

<400> 30437						
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ctactggaca	ttcagtcctc	gggcgaccga	atgacactat	cagaataagt	cgaggaagta	180
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<210> 30438
 <211> 250
 <212> DNA
 <213> Homo sapiens

<400> 30438						
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aggggtctccc	tatgttgccc	aggctgggtt	agaactcctg	ggctccagtg	atcctccac	120
ttcagcctcc	caaagtgcta	ggattacagg	cataagccac	cacgcctacc	cacagttaca	180
gtcttaaaca	cgatcttcaa	gtagattgat	gataaaattt	tcagttagtt	atagtctcaa	240
caccggcctc						250

<210> 30439
 <211> 450
 <212> DNA
 <213> Homo sapiens

<400> 30439						
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aatgacttct	tattggcttt	gatttttcat	tgcagtatat	gggaattgta	cagcaggaaa	120
tgcttatcat	taattttctga	tgttttttta	agcacaactc	gaaacatttc	gatacatacat	180
acatagcagt	agagatctgt	gcccttcagg	tacattgwat	ctgaccatca	gtttatatat	240
gtcattggaat	tttaagaata	ctcatgttaa	taatagtcac	ctatccttgc	attttgaaac	300
tgttctaata	ttagtgaact	tgaattggat	ttctgggtaa	aagaatgtgt	ttcttttatg	360
ttgcttctgt	ccgaagcctt	gtcagaatct	gtcagactct	tgtttaggtt	tagtgtgatc	420
atggcgtcag	agaagcaaag	ctttcaaata				450

<210> 30440
 <211> 59
 <212> DNA
 <213> Homo sapiens

<400> 30440						
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<210> 30441

<211> 386
 <212> DNA
 <213> Homo sapiens

<400> 30441
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 tgttcatttg gggcactatt actctgttcc ctgtatagtt cttgttccct agdagaatct 180
 gttgagatca ggaaccatag catttatttt taaatttacc ataatgctag gcatctatct 240
 gattattcag tagatattta ttaaattgtat gtacttacta attgaattaa ctcccaactt 300
 ccaaaaatgg atttgtggtc agacttggtg aattgattga ataaagagta gcttaatctg 360
 ttcacagtat gcagcttgcc ccagtt 386

<210> 30442
 <211> 155
 <212> DNA
 <213> Homo sapiens

<400> 30442
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 ttggcccttc tccatgrtat tattatcaga caaaa 155

<210> 30443
 <211> 283
 <212> DNA
 <213> Homo sapiens

<400> 30443
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 accttttata ttacatttca ctgttcttat attgttcttc tatgtcttat atcattttct 120
 tttctttttt ttttataact taagttcttg gatacatgtg cagaacgtgc aggtttgtta 180
 cctaggtata catgtggcat ggtggtttgc tgcacccatc aacctgtcat ctacattagg 240
 tattttctct aatgctatcc ctccccttgc cccccacccc caa 283

<210> 30444
 <211> 199
 <212> DNA
 <213> Homo sapiens

<400> 30444
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 ttgtttatgt aagttgattt cccctgactg aaaccaatga aaccaatcag ggatcatgct 120
 tttctgttgg ctgtcttgtc tctttaataa aaaacagcac cactggcttt tttgttgttg 180
 ttgttaatgg cattaacat 199

<210> 30445
 <211> 64
 <212> DNA
 <213> Homo sapiens

<400> 30445
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 aaaa 64

<210> 30446
 <211> 399
 <212> DNA
 <213> Homo sapiens

<400> 30446
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 cttctctgga taatgagggt aaatacccat cttataaatc cccacagaa attttgttga 120
 ggactaatga aggaatatta ataagtttat aaaacatgta ttgagtgtcc gctacatgcc 180
 agtcactgtg ttgcattcca gagtgacaaa gataagacat gattcctacc ttcaatgaga 240
 tcaaattctta tagttaaaact gcctggaaac atccatagat cattctcaac ttctctaccc 300
 ataavarctt aggaattttt ctagactcag acttcatctc tccctggaac cttccataga 360
 cacaatcttg gccccagcat gaattgacat gcctctcta 399

<210> 30447
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 30447
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 aagctttctg gacctgtggt cttagtccca gcgattctgc agagcggcca tcgggcagca 120
 tgtcaaccat ttgcatggct gggctccagg gaaactactg acaacgacag gtgggtgggc 180
 atagtttctt gacccctgtg ctatgccaga atttcttttt cctcttcctt atgagtggac 240
 taaatatgtt aatttcctttt cacctttcaa aacggacagc cccttgaaca ttaaaaactt 300
 tgcagaccgc t 311

<210> 30448
 <211> 63
 <212> DNA
 <213> Homo sapiens

<400> 30448
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 cag 63

<210> 30449
 <211> 378
 <212> DNA
 <213> Homo sapiens

<400> 30449
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 ggatttaatg ccaccctcat cgagctatga atgactttct tcacagagtt ggagagggct 180
 gctttgcagt tcatatggaa ccagagggga gcccgcatg ccaagagaat tttaagccaa 240
 aagagcaaag ctggaggcat cacgctgcct gacttcaaac tatactacaa ggctacagta 300
 acaaaaacac catggtactg gtaccaaaac agagatacag accaatggac agaacagagc 360
 cctcagaaat aataccac 378

<210> 30450
 <211> 304
 <212> DNA

<213> Homo sapiens

<400> 30450

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ggctggccaa	catggtgaaa	ccccacctct	actaaaaata	cacctgtagt	cccagctact	180
caggacgctg	aggcaggaga	attgcttgaa	cccagagagg	agaggttgca	gtgagccaag	240
atctcgccac	tgcactccag	cctgagcacc	aagagcgaha	ctctgtcgca	aaaaacaaaa	300
acaa						304

<210> 30451

<211> 140

<212> DNA

<213> Homo sapiens

<400> 30451

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agttttgttt	ctttgcatat	ttcccattgc	attttatttt	aataaggata	tgccatwaaa	120
agtcatattg	aaacaacctc					140

<210> 30452

<211> 398

<212> DNA

<213> Homo sapiens

<400> 30452

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gtgtgatcac	agctcactgc	aacctctgck	ctgcgtccca	ggttcgrcyg	gatcckcckg	120
gyttmagcct	cctsgagtag	ctgggactac	aggtggggaa	accaaggcat	gggggaggtg	180
aactaacttg	ccacacagct	gataaatact	agagctgggtg	aagaaggagg	ccgtcagggg	240
aggcttctg	ggaaggtgct	gcacctgtgc	caggcctgga	gcaggtgata	tcaatatgga	300
agaaagggga	aggcatcacg	cttagctggg	gcatggtttg	tactggctac	atgtctcttt	360
sgagtctctg	tgccaacctg	cccacactgg	gctcagca			398

<210> 30453

<211> 294

<212> DNA

<213> Homo sapiens

<400> 30453

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ccgggacag	aagaggctgg	ggaccgcggc	gaagggtggtg	agtgtctctg	ggcgscyttc	120
tccaacgctc	cctgccagac	tcgcctccgg	gctgattctc	cagttgggtt	cctggactcc	180
agagtagctg	tccggcctgg	ccccggaggt	gcaaagtaag	aaaattgaag	tcaaagacca	240
tgggagatac	agcaaaaacct	tatttcgtga	agctcactaa	agaccggggg	acga	294

<210> 30454

<211> 418

<212> DNA

<213> Homo sapiens

<400> 30454

caaagaacac	aaagtggatt	ggttttttca	aagttacttt	ccttgtgaag	gttaaagtag	60
ggggacttcc	ttatcaggga	ggctaaaact	ggctgttcgg	agatgtgggt	attatctccc	120

tctcgctcct	gattncttgg	aaggtcagat	aacaatgtag	ttttggcttg	gtggcctgga	180
actttaccgt	gagtaactcc	attttggttt	ggtctactgg	ggcctagtgc	aggaacttac	240
ttcaaaccaa	tgacctccta	taaattttat	ttaacagaga	tcataagttt	atgagccggt	300
aacttactat	agcattcatt	tctaatttat	agttaaaaca	catcctgtta	tttatttttt	360
tcacataatt	gttgaaatcc	aacacagcta	cgaatgagtc	ttaatgtttt	ttaacatt	418

<210> 30455

<211> 58

<212> DNA

<213> Homo sapiens

<400> 30455

ccacatccta	cctcccacat	cttggtccca	attactaaca	tataatcttt	tttttttt	58
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<210> 30456

<211> 361

<212> DNA

<213> Homo sapiens

<400> 30456

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gaaaagattg	tgttttccct	tattgaatta	tctcagcacc	tttaaaaaat	gaccataaat	180
gtaagggttt	atctctggac	tcttaggtct	gttccattga	tctgtcccat	ttttaatttc	240
gtggattgta	ctttggtgtt	gtatctaaaa	agtcatacacc	aaatccatgc	ttacctagat	300
tttctcttgt	attactgctt	aggactttca	tagttttgca	ttttacattt	aggtctgcga	360
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<210> 30457

<211> 351

<212> DNA

<213> Homo sapiens

<400> 30457

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gacccttgta	cttttcaaat	aatgctgagt	ccagggtgcca	tgatkaaaag	ggatctttta	180
cacaaagatt	atgtttttgt	tcagctttca	atggccatgt	acttttgagg	cgcccactat	240
gtgcagtatc	ctctgctcag	cattgtggag	acagcaagaa	aggcaggagg	ggcttctgcc	300
accaggacct	ttcctattag	taaggagata	agccacgcac	acacaaaatt	a	351

<210> 30458

<211> 261

<212> DNA

<213> Homo sapiens

<400> 30458

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agtttgatta	ttgaatgttt	tgaggtagtc	ttatttggtt	taaatctgct	tagtgttcta	120
taactttctt	gtacttaaat	attggtakct	ttctctggtt	tgggaagttc	tgtattatta	180
ttcgttgtaa	caaactctct	acccttaact	ctccctctac	ctccccctta	aggctaata	240
ctctttgccc	ttttgaggct	t				261

<210> 30459

<211> 389
 <212> DNA
 <213> Homo sapiens

<400> 30459
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 accatgatac ctctgggaaa ggaattatat tccaaggag aggtcccttt ggataagaac 120
 aataccatgg gacttgagtc tgaatgccaa cttactattc acasrtcctt cttaaaracg 180
 racacactgt ttcttkytcc tgacctagag cattctaaag ttctgttcaa ataaataaag 240
 ggcaaaataa agtagattta accaagtgcc argtggaatt cammaaacac attcttccag 300
 atarattcta cctttatggg atggatttga aagtactttg caggawaaca gtcagtactc 360
 tttaaaaagg gmctgcaggg ctgggtgta 389

<210> 30460
 <211> 262
 <212> DNA
 <213> Homo sapiens

<400> 30460
 ttgaggagg accatgagaa cagaaattac cttatgaaaa gctacttctg ttctgtcttt 60
 ccctctcacg tattgacggg ttatttcttt gacctccag agggctgaac tctttcaact 120
 ctgcgtgcc cagccttctc agtggacttg cccctcctaa gcagagaagg cctatgaggt 180
 trmttgctgc tgggaagcct ggcagagcca attaccaccc tctgtgtgct agtgcttggg 240
 tacctcttgc aataaccagc ga 262

<210> 30461
 <211> 230
 <212> DNA
 <213> Homo sapiens

<400> 30461
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 ggatctccac tgataagact gtttttaagt aacttaagga cctttgggtc tacaagtata 120
 tgtgaaaaaa atgagactta ctgggtgagg aaatccattg tttaaagatg gtcgtgtgtg 180
 tgtgtgtgtg tgtgtgtgtg ttgtgtgtgt tttgttttt taagggatgg 230

<210> 30462
 <211> 184
 <212> DNA
 <213> Homo sapiens

<400> 30462
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 tgtaagaatg tgctcttcat ttaagaagtt tggctcttca aagaggcaga gagatgggga 120
 tactaggctt gaaaatgagg ctgacagggt gaagaagcct ctttattatt ataggagaga 180
 ctta 184

<210> 30463
 <211> 186
 <212> DNA
 <213> Homo sapiens

<400> 30463
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acacttgact tatgggttact gggttcctgaa ccacttagaa cagtcattggt aaccagtggt 120
ggaaactatc tggacttggg ttgctttctt gaattgcttg gggacaagaa gttttgatta 180
aggtag 186

<210> 30464
<211> 233
<212> DNA
<213> Homo sapiens

<400> 30464
aatttgtaag gaccagaaga ttttaagttgg caatgtaatc tgtatatattt gcaaagtttg 60
ttggcgcttt cttaggttat gttgaaaaaa agtgcctttt tgaaatcagt tttctatggt 120
gacttaattc taggtattgt tttctctttt ctccctgta atgtctccc aatccatggt 180
ttttcctagc cttcaagatg gtcagcaagg ccagcagtc acagcccagg tcc 233

<210> 30465
<211> 166
<212> DNA
<213> Homo sapiens

<400> 30465
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ccattgctga cagctgtcag tgttgaagat ggccagcacc tcatgccctt ggtttctactc 120
gttccttggg tggccctcgt cccctccccc acgtcccgcg ccccg 166

<210> 30466
<211> 322
<212> DNA
<213> Homo sapiens

<400> 30466
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agttttctcc attcctggct gctgttgcat gttatgcata atttttattt tgttcctaga 120
aatgttaatg gacttttaaa gcttaatggc atttagttag gagatccttg tggatatattc 180
tgtgatctgt tgttttcttt gtattttcaa ttcagtgta caacctggga aaaataaatc 240
tctgtcaca gattgattca ttgtcgagga atgccttatt ctgatgttac gcggtttctt 300
tcttggtca tgcattgccc ac 322

<210> 30467
<211> 455
<212> DNA
<213> Homo sapiens

<400> 30467
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atagtagata ttgcaatatt ttatgcaaaa tttatttagt tgattacttg tttaaagtgt 180
atttttattc tcagaaaact ttaagttatt taatgggaca gaccctgttt tatttatcag 240
cttatactgt cttagacact tcagcagttt gattaagggg aagtgaacct tatttgagtc 300
agctccatgg tactgttcca ggtgttttac ctgtattttac atatgtgcct atgtttgcta 360
atttaagtgt tagataaacc tataaggcaa atattattcc ttctctttta caggtgamca 420
tgctgaagct ctaggagcta aagtaattta ttgaa 455

<210> 30468

<211> 434
 <212> DNA
 <213> Homo sapiens

<400> 30468

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cacctaccat	catgggtgat	ttgtctgttt	tgccattcag	tgctatcaca	tttttatatt	120
ctgagtctta	gttattgaat	gtcacagat	ttagaattgt	catatctttt	cagcaaattg	180
aattttttat	cattatgaaa	tctccctttt	tatctgcaat	aatctgtttc	acattaaatt	240
ctactatgtc	tgataaagtt	cagctctcac	aaatttcagc	cctacaaaca	cagcagcctc	300
ttctagtgc	aagtgacttg	ctctccacat	atacgtatag	gaattgcagt	ttgaggtccc	360
agacaaacct	gacctgcaaa	tgaatcccat	tatctaatta	aatgactctc	aatgctagtt	420
acacattaga	atca					434

<210> 30469
 <211> 378
 <212> DNA
 <213> Homo sapiens

<400> 30469

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acctaaaagg	ctgttctttg	tttccccctt	tcatactatt	cttttccatg	accaggatg	120
cagcaaataa	aacagatttc	ttctcttaag	gggatattaa	gactgttact	tcctagtaag	180
ccaagtaata	ccatantttt	attaacatct	aacttttgta	gatgggtgct	aaaatngcat	240
acattttaac	cactaaaata	gaaaaacaag	tggtgctatt	atgtctmtgg	caccagaaat	300
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attacatact	tgaagtta					378

<210> 30470
 <211> 388
 <212> DNA
 <213> Homo sapiens

<400> 30470

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cttttggtg	caagagatcc	tgccttgtct	tgtgctcatc	atagccatta	acattctttc	120
acgtaacgag	gaaaagttag	attattttac	tatggaagga	acaggttgta	agaatcatta	180
cttggtatct	ttttacctgg	caaattatac	tgattgctgt	gtagcctcct	gatcgttctt	240
cctagtgttc	caaggaagac	aggtattctc	aactgtgtct	gaagtagagt	agataaactt	300
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cacagtttgt	gttacagatc	cataatcc				388

<210> 30471
 <211> 392
 <212> DNA
 <213> Homo sapiens

<400> 30471

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agatgattat	gccaatgagg	attaaactaa	accagacaag	aggtggccta	ctgtgtatac	120
taggaattag	atttgtgaga	actaaacaca	acactgaatt	tgtgaaaatg	tgtgcagttt	180
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gtgtgtgttg	tggtgtgtgt	tcttcaccta	tctgtctagt	ggaagggtac	tgtktgaaaa	300
atgtagttcc	aacacagcca	ctagtttgtg	ctactttaga	caagtattta	aatctttgca	360

atagagatat tataatagag cattccttgc tt

392

<210> 30472
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 30472
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 gcttgagama mggaatttga gaccggcctg gacaacgtgg cgaaaccttg tctctacaaa 180
 amataaaaaa attaccaggg cmtgggtggtg tgcacctgtg gtccccagct acttgggagg 240
 ctgaagtggg aagatccctt gagccctgga ggttgaggct gcagtgagcc gtgatcgac 300
 cactgwmctc cagccaagac aacagggcga cacctgt 337

<210> 30473
 <211> 154
 <212> DNA
 <213> Homo sapiens

<400> 30473
 aaactggcag aaacagtaga cccaaagggg caccaaataa ttgcattgtg aggtagactt 60
 taagtatgtt tactgtattc aaggagataa aagatggaaa atttccatat agaattggaa 120
 actataaaaa agtcactgca gatttgtaa aaaa 154

<210> 30474
 <211> 192
 <212> DNA
 <213> Homo sapiens

<400> 30474
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 gtccaggtgg gcataagcag gaatcagagc cacagcagcc ccagcgtcas cccagcagaa 120
 gccacagtcc ttctggaagc cagacccgaa gccacagtag cagtgccagc tcagcagaaa 180
 gtcaggaacc gc 192

<210> 30475
 <211> 128
 <212> DNA
 <213> Homo sapiens

<400> 30475
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 ccgaggcggg tggatcacga ggtcaagact tcgagaccag cctggccaac atggtgaaac 120
 cctgttga 128

<210> 30476
 <211> 214
 <212> DNA
 <213> Homo sapiens

<400> 30476
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 tgcaataaga cacggaattt gaaatggttc ttcccagaag acttattgct gagtaggtca 120

caaaccattg acgaggagtg gaatacagtc aagagtgaat gagtagacaa tcaggaaaaa 180
tcaaagaaga aaatagtgtc ttcagctcca accc 214

<210> 30477
<211> 164
<212> DNA
<213> Homo sapiens

<400> 30477
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tgcttgtaaa tctaaggaaa taaaaagaca aagatgggtga taacataata atttgtgctg 120
ttgctcttcc taaaatgtgc tctaattttt cagaatccga cctc 164

<210> 30478
<211> 408
<212> DNA
<213> Homo sapiens

<400> 30478
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gagaagccac ttaaatttgg aggtaattac tataaccatg gctgaacact gcaaaatttg 120
gtaccaaaaag tgggggtgcta ccttaacaac agctaccacc aaaaataatt ttaaaatatg 180
tgatataggc tttgaaacca ggtggcagaa agcaagaaaa ctgttactgg agaattggaaa 240
aatagcaacc cacataaagt ggtggtaaat aaaactgtca cataaaaaat tgaataactt 300
ggcaaaaaga ttataaaaagc tgaacttttag ttgtcattaa gtagatttaa taaagtacca 360
ttagattagc tcattaaagg aaaaggaatc cccagtcacat agccccc 408

<210> 30479
<211> 168
<212> DNA
<213> Homo sapiens

<400> 30479
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gccacatgta aagtttattt aaaactctct tggccactgt ttctgactca acctaggaat 120
ggccagagcg attctggccc ctgacttct cagaggctcc tcccacca 168

<210> 30480
<211> 177
<212> DNA
<213> Homo sapiens

<400> 30480
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gacgtttcta ctttagacca aaagaggctt ttgtgtatgt ttgagtgaac ctttgcattg 120
tgaggtcagc tacgtagatg tgccggctgt gagggatggt aggagcaacg gagatag 177

<210> 30481
<211> 262
<212> DNA
<213> Homo sapiens

<400> 30481
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cagggagctc	agtttgatat	gcttttctct	cctcgaactc	tgccattcaa	catttttttt	180
cccatactta	ttctcactga	gtgctaattt	tagttcaggt	tgacacctgt	tgtatgtgtg	240
tgtgtaaacc	ctctgtagcc	ct				262

<210> 30482
 <211> 450
 <212> DNA
 <213> Homo sapiens

<400> 30482						
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gtcgtctgtg	cattccaggt	tactgcactt	gtctgatgtg	acgtagcaac	acccagggtt	360
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atgttttatt	catagtacct	actttctatg	gttttagcgt	ttaaatgcaa	tcctatatgt	300
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 <212> DNA
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 <212> DNA
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<400> 30485

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ttcagaatca	agagaatact	tcctacctca	gccttcactt	gacagtgaat	ctgcatgaaa	240
ccggctcttg	cccacagctg	caagtgcctc	tgaatcgga	ctcttcactt	ccttgcctct	300
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 <212> DNA
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gtgctattgt	gtgcatcttg
ccactgaaat	tgttttcatt
tttgaaagtt	taacatgact
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 <212> DNA
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tgcttcataa	atatctagaa
agatttgaga	taatgctgga
gttttgaaar	agctacttta
aataaaaaaga	gccccagact
ctcattagct	tttgaccttg
ttgtatctac	actgccttgc
tttaactttta	tkctttattt
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<210> 30488
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 <212> DNA
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tggggcatac	taatgctcct
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 ctttgtgggt gggagagagc accaggcctc aggaatctcc ctgctggctc cagcctccat 240
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 <212> DNA
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 tctgactata cctagcaact tttctacagt ttgatctttt tatgtgaaga gaaaaagaag 180
 taatgattga gggattgttg tacttaatta aaaataacaa gaaaaaagga ctagatatgt 240
 gttagggata tcttgattga ttgagattag ataaaatgct aggtgattat acctgtgttg 300
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<210> 30493
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 <212> DNA
 <213> Homo sapiens

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 cctctgcaca tgcccttctc cctcttttct gcttggtgaa ctcatgtctt caagacttag 240
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 gcgggggggt cgaggggggc acaccagact tgtgttctga aatgacagct gacttgtaat 360
 gcaggggaatg gagtgtagcc gagccg 386

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 <212> DNA
 <213> Homo sapiens

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 gatcatgagg tcaggagatc gagaccatcc tggctaacat ggtgaaaccc cgtctctgcc 240
 aaaaatacag agggttggcc aggcgt 266

<210> 30495
 <211> 210
 <212> DNA
 <213> Homo sapiens

<400> 30495
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<210> 30496
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 <212> DNA
 <213> Homo sapiens

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 gaaattatac ggaatgtaac ttataaaagc tttactgaat ataagttata agcattttat 180
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<210> 30497
 <211> 102
 <212> DNA
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<400> 30497
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 <212> DNA
 <213> Homo sapiens

<400> 30498
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<210> 30499

<211> 329
 <212> DNA
 <213> Homo sapiens

<400> 30499
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<210> 30500
 <211> 432
 <212> DNA
 <213> Homo sapiens

<400> 30500
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 cttgctgtcg ca 432

<210> 30501
 <211> 188
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<400> 30501
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 tcaactctgtt gccaggctg gaatgtagta kcatgatctc agctcactgc aagctccacc 180
 tccaccgc 188

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 <211> 289
 <212> DNA
 <213> Homo sapiens

<400> 30502
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<210> 30503
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 <212> DNA
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<400> 30503

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<211> 271

<212> DNA

<213> Homo sapiens

<400> 30504

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ttggctcatt	agtgtttaaa	aatgtactga	tgatgtgcta	gagaaattcc	tggggctttc	180
ttcgttgtag	atcagaattt	caccagggag	taaaattacc	tgaaaacgta	agaagtttta	240
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<210> 30505

<211> 433

<212> DNA

<213> Homo sapiens

<400> 30505

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agaattaaaa	ttaataactt	naaaaagatt	tattgttcag	aaacagtaac	aaaacttaac	180
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tgcttctatg	tttattctgc	tgccaatatc	acacagcttc	tggaaacttc	cacggcacac	360
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<211> 376

<212> DNA

<213> Homo sapiens

<400> 30506

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tgggtggaaa	agaatgcctt	tagtttttag	tatgatataa	ttaatcttta	atagtgatcg	300
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<210> 30507

<211> 365

<212> DNA

<213> Homo sapiens

<400> 30507

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<211> 114

<212> DNA

<213> Homo sapiens

<400> 30508

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<210> 30509

<211> 351

<212> DNA

<213> Homo sapiens

<400> 30509

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tggccttcaa	ctttctacag	gtcttccvtg	aagattcagc	agtactctct	caaagggttg	300
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<210> 30510

<211> 350

<212> DNA

<213> Homo sapiens

<400> 30510

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gctgaagtca	tctggtgtgg	ggcacattac	atctcgaaag	tgagtttgtg	atttgaatcg	240
tgtcctgtgt	tagttaatta	gatcgtgtct	tctgcttagg	aatttctttt	gtattggtca	300
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<210> 30511

<211> 64

<212> DNA

<213> Homo sapiens

<400> 30511

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tttt

64

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<211> 407
<212> DNA
<213> Homo sapiens

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aagttgcagt gagctgagat cacaccactg tactccagcc tggaggacag agtgagaccc 300
ggttccccctg cccccccaa aaaaaccctc cctttttcca attacaaatc tatataaggc 360
tggattttct ttatatactt cagccaaaaa tgrcaacaac acacagc 407

<210> 30513
<211> 372
<212> DNA
<213> Homo sapiens

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ggatgatgag cgtcttcttg ttgtcccgag ccgcgttgcc cgccagctcc aggatctcgg 360
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<210> 30514
<211> 330
<212> DNA
<213> Homo sapiens

<400> 30514
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ccgggcacga atcgagcact ctgtaggcat ctgttggttt tgtctttttt tgcaacaaga 240
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<210> 30515
<211> 143
<212> DNA
<213> Homo sapiens

<400> 30515
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gcagaggacg accctgcaaa ggc 143

<210> 30516

<211> 116
<212> DNA
<213> Homo sapiens

<400> 30516
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aaagcaatgc cctctccacg gatactaaar actcaccttt ccactcagcc gctgct 116

<210> 30517
<211> 342
<212> DNA
<213> Homo sapiens

<400> 30517
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aattacttta ataaataatg tacatatacg atgaaggcac cg 342

<210> 30518
<211> 237
<212> DNA
<213> Homo sapiens

<400> 30518
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gtaaaagcat gtttctacaa tttggacaaa ttcagggtct tggattttggc agaacaagtt 180
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<210> 30519
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<212> DNA
<213> Homo sapiens

<400> 30519
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atattcgact tttccccccc ccttcacwgg aaaagggtgga cctggactga ggggtgtaaaa 180
tccctggaca cattcggtgg gcaggaaaaa gaagaggaag attagaagat ttttttttgc 240
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cggatattt 308

<210> 30520
<211> 244
<212> DNA
<213> Homo sapiens

<400> 30520
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tctcgcccg gtgcagtggc tcatgcctgt aatcccagga ctttgggagg ccaatgcggg 120
cggatcacga ggtcagatcg agaccatcct gccaatatgg tgaaacctg tctctactaa 180

aaaaaataaa aaaattagct ggggtgtggcg gtgcacgcct gtagtcccag ctacttggga 240
ggca 244

<210> 30521
<211> 72
<212> DNA
<213> Homo sapiens

<400> 30521
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tagtatattc ac 72

<210> 30522
<211> 77
<212> DNA
<213> Homo sapiens

<400> 30522
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actcgcaagc tggccaa 77

<210> 30523
<211> 313
<212> DNA
<213> Homo sapiens

<400> 30523
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cacggatggc tgcatgtaaa cattcaaagc atttgagaga atacagtgca tagggagact 180
actactatca gaaggatagt atgaagagtt tggagtatgt tccctaagca gggccccat 240
gaaccaaagc aatcaaatac gatagatcaa agaagtagct atattagaag tctaccatt 300
ttaaccaagt ccg 313

<210> 30524
<211> 69
<212> DNA
<213> Homo sapiens

<400> 30524
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tatatatat 69

<210> 30525
<211> 98
<212> DNA
<213> Homo sapiens

<400> 30525
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gcagtagact tatgcagatg gcaractatt ttcttttt 98

<210> 30526
<211> 74

<212> DNA
<213> Homo sapiens

<400> 30526
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tctctctctc tctc 74

<210> 30527
<211> 244
<212> DNA
<213> Homo sapiens

<400> 30527
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tctatcactg aggtctttgt aagagcttta gaagctctgt gccaggaacc agggacagag 120
attaaatata tatttctttt cttttttttg agacagaatc tcctgtgcc atccaggctg 180
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ccgc 244

<210> 30528
<211> 416
<212> DNA
<213> Homo sapiens

<400> 30528
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taagagatat tggccactca agtctactgt gtgtgtgtgc ctctggaaga gtgaagaatg 180
gacttcaaaa gtaacatcaa aaatctaact gccaccatcc tggagacatt ttgcagggtc 240
ttcctttcaa gtctttcaag tacaggatat taccacaaca gcagctgaac tgttgtaacc 300
agcatgtttt tcctatttcc actgtgacct gcagctgact caaagccttg cgtgacctga 360
cccagggtgca agaracaggg gaagagggat agagggtata gcataaattc atattt 416

<210> 30529
<211> 154
<212> DNA
<213> Homo sapiens

<400> 30529
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cgccgcccgc gccttcgctc ctccaccatgt gtaaggcggc ggggagcccc gcctgaggtg 120
ccctaaacac actatgaccg ctcccgaaaa gcc 154

<210> 30530
<211> 223
<212> DNA
<213> Homo sapiens

<400> 30530
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taatagtcca ctgtagcctc aaactcctgg gctcaagtga tcctcctgcc tcagctttcc 120
aagtggctgg gactgtggtc acgtgccacc attcctcact aatatttttt tgttttggtt 180
tttggtagag atgagggtct ttgtatgttg cccaggctgg tca 223

<210> 30531

<211> 246

<212> DNA

<213> Homo sapiens

<400> 30531

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agtatatctg	ttaaatacgt	tgtcttgaaa	gctatggtta	tattaagtaa	aaagttataa	120
aataatatct	atcttgatg	aactcatgaa	atctatataa	acatacatat	gtttatatat	180
gttaagaata	ttcaactaan	tgtaactagc	gattgggata	ataaagatag	attggttgga	240
gagggg						246

<210> 30532

<211> 226

<212> DNA

<213> Homo sapiens

<400> 30532

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cactcagggc	agcgtgaca	caccartccc	ctgccgcctc	agcctcctct	gggctttggg	120
caccgataag	cccgtagagg	aggccgcggc	aggggctgag	ggcagctttg	cactggcctg	180
ctggtgcccc	tgggccggaa	ccgcctgggc	accataaagg	cgggct		226

<210> 30533

<211> 428

<212> DNA

<213> Homo sapiens

<400> 30533

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taatttatga	actactactg	gattattttt	aatccattag	aaattactat	tcacgcattc	120
tgtattcaat	tcatgtgata	gctaataat	ttggttttta	atgcatctta	ttttgtgggt	180
ttcttctagg	ctgttttttg	tgctttcttt	taaaaatata	taggttttaa	taatcttaat	240
tttcttttag	tttgaaatgt	atatactcat	tttattcatt	agtctaagat	aagaattgta	300
acacttctct	aacctattat	agaattgtta	atacctttac	ccttctcttg	aacacatcaa	360
aggatgtcat	tgagtgttgg	tattgawgta	tagcatatct	atkattctgc	tcaattagaa	420
gatattgt						428

<210> 30534

<211> 226

<212> DNA

<213> Homo sapiens

<400> 30534

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cggggcgggg	ccatgacccc	tgacgtcgcc	ggtccggcgc	gcagttcagt	ttggcgggtc	120
cggtagcgct	ctcacattgg	ggcgggatgt	gggagcggct	gaactgcgca	sagaggactt	180
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<210> 30535

<211> 342

<212> DNA

<213> Homo sapiens

<400> 30535

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gcctgtaagt	agtattagaa	gcttacatat	tcatacacta	taaataaaaa	ggacttttgt	120
aagccatgta	atggatttgc	agtgtttgca	cttaatagca	cagatcagaa	ctcctttgct	180
catacagttg	tctgaaatgt	tcttccttct	tcagagatag	acctgttttt	tgttttttat	240
tatgaaagaa	aaataatcct	catatgttct	cggctctagt	tctaaataga	tggtcagtaa	300
gctactgtgt	gggattactt	gggctccata	gtttgctgtg	ta		342

<210> 30536

<211> 370

<212> DNA

<213> Homo sapiens

<400> 30536

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aagcatcagc	tgagaacata	atactcagac	tgtgtatcaa	agttttgaac	tttgatattt	180
gtctgtgaag	agccttctgt	gggaatgggtg	gttgctgagg	atgggtgatg	atcataaatg	240
ttaacctaaa	tcattgcagka	acttgaccat	ggaatgttgt	ctgtgatttc	tctcctttgc	300
ctcatcttga	ttacagagag	gtacagaaaag	cagtcaacac	tgccagggat	tgtttcagag	360
atggacccat						370

<210> 30537

<211> 136

<212> DNA

<213> Homo sapiens

<400> 30537

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aaatgcatag	tgacaaaaat	gatcttaaaa	taccttggga	atattttttc	caaatttgaa	120
atctattatt	gaggct					136

<210> 30538

<211> 74

<212> DNA

<213> Homo sapiens

<400> 30538

caaagactta	agacttgaaa	ttgtcaaacc	actagaagaa	aacatagggg	aagaggcttt	60
atgacactgg	ctaa					74

<210> 30539

<211> 366

<212> DNA

<213> Homo sapiens

<400> 30539

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tcttgatgtc	acaaagaaac	tctgttggtc	ctgattgttt	cccttagatt	tttcctgtgg	120
acatttgaac	tttaagaaat	ttatgatagt	agtcctaagt	ggattgagaa	atcagtgagc	180
ctcatcatct	actggtaggr	ttgcctgtca	gctgccctgt	gccagaagtr	attctgttaa	240
tctgtgtgca	gctccaaaag	ctgttgcagc	atggactaga	acatttcagc	tgctgggttaa	300
atctttcttg	catatgtata	aacttaatr	attgctaaca	aaaaattccv	actaggrtta	360
taaagt						366

<210> 30540
<211> 135
<212> DNA
<213> Homo sapiens

<400> 30540
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tcttaaaaca ggtactgagg ataaaacaat ataaaataat atgagagggt ctttctcttc 120
cttcattccc ccctt 135

<210> 30541
<211> 146
<212> DNA
<213> Homo sapiens

<400> 30541
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gccatgctgg tgcgtgcac ccactaactc gtcacttagc attaggtata tctcccaacg 120
ctatccctcc cccctcccc caccce 146

<210> 30542
<211> 85
<212> DNA
<213> Homo sapiens

<400> 30542
ccacttgatc gaatcggctg ctgaagcttg tgcattgcgc atgtagttct cgagccatga 60
ttttcagctc catcaggcca tttat 85

<210> 30543
<211> 99
<212> DNA
<213> Homo sapiens

<400> 30543
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aaccagaagt tcatttcaca gttgtatttt gtttgctct 99

<210> 30544
<211> 54
<212> DNA
<213> Homo sapiens

<400> 30544
aattgtgttc gcagccgccg ccgcgccgcc gtcgctctcc aacgccagcg ccgc 54

<210> 30545
<211> 336
<212> DNA
<213> Homo sapiens

<400> 30545
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tgtaggagtg attgggttaaa tcatttgcca ttgrtgrtca agtcagactt cagccccgct	120
cccctcctct gaggttgga gtgggcctga aatcagtcct aaccttctca tcagggttttg	180
tgaccagccc ttatcctgaa gctggctagg ggcccctagt catcagtcac cttactagca	240
cacaaaggca ctcttaccac tctggagatc cccagcactt caggagctat ctgtcaggaa	300
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<210> 30546
 <211> 82
 <212> DNA
 <213> Homo sapiens

<400> 30546	
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gcccagtgtg asaaggaaga ca	82

<210> 30547
 <211> 215
 <212> DNA
 <213> Homo sapiens

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taaaatcaga gaaagggaaa gaggtctctc acctgactca gatacctggg aagggtgagat	120
atagttgcat ttatgcaact gaacccaaat aggtctgtgg aataggaaag aaaccccaag	180
gagagttctg aaagtgggga gttaaaggaa gaggt	215

<210> 30548
 <211> 375
 <212> DNA
 <213> Homo sapiens

<400> 30548	
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ttaaaagaaa cacctgcggg tgaagacagg tgtcagcgga ctcttggaag agaggaggtg	120
atgtttcttt tacttatggg awatttaggg attgaaacct gaagacgaag ccgaggtatc	180
ctcccagaag aagctccttt cgcacaaatt actcgtgggt gaaagtctta agtcgtgatt	240
aaaacaaatg cctttaaagt gcccaattta taggcagtaa cgcaacctta ctttctctta	300
ccgcttttat tggggattcc cctaggcagt ttgctgacag tatttttaggt ggggaagaaa	360
agtgattaat ggaat	375

<210> 30549
 <211> 255
 <212> DNA
 <213> Homo sapiens

<400> 30549	
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ttctaaaatg gtgaaacctt tgtctagaga tggaaatgtga catggccaag gtcacacagc	120
cagtaggcag cagagccagg actagaactt ggatttctca gcttctgggc caacgccatc	180
cttacacaga atcttagggg ctctctctct ctgtcttccc atctctttca acagtatgtg	240
aaagccaggt ccccc	255

<210> 30550
 <211> 335

<212> DNA
<213> Homo sapiens

<400> 30550
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gactgaaggc ccggcagggt gatcactttg gcccaggagt tcaaaactga cctgaacaat 120
gtggcggaat cctgtctcta ctaaaaatac aaaaaccagc caggcatgtt ggcgcatact 180
tgtggtctca gctactcggg aggctgagac atgagaattg cttgaacctt ttgggcggag 240
gttgacgtga gccgagatca tgccattgcg cgacagagca agtctctgtc tcgcaaaaaa 300
aagaaaaaaa gtttaattct aacattgccc ataga 335

<210> 30551
<211> 237
<212> DNA
<213> Homo sapiens

<400> 30551
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tttttttact tatatttttc acattaagat acagaaaaat tgagtttttt gtgtctagtt 120
ctatgaactt taacacatgt atggatttgt gttattacta ccacattcag gacacagaag 180
cacttcatcc cctccagatt ctctgtcctg atgtctttta taatcagacc ccccca 237

<210> 30552
<211> 406
<212> DNA
<213> Homo sapiens

<400> 30552
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aagttttctt tgccttagtt ttggaagtaa attctagttt gtagttctca tttgtaatga 120
acacattaac gactagatta aaatattgcc ttcaagattg ttcttactta caagacttgc 180
tctactttct atgctgaaaa ttgaccctgg atagaatact ataaggtttt gagttagctg 240
gaaaagtgat cagattaata aatgtatatt ggtagttgaa tttagcaaag aaatagagat 300
aatcatgatt atacctttat ttttacagga agagatgatg taactagagt atgtgtctac 360
aggagtaata atggttttcca aagagtattt tttaaaggra caaaac 406

<210> 30553
<211> 403
<212> DNA
<213> Homo sapiens

<400> 30553
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taattttcca ctcatatagc aaatagaatt ttccaaaaga ttgttagttc agtcacattt 120
ttttcaaact atattttact caagtgctaa gagatatttt atgggataat ttatttcttc 180
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cttttaacaa tcttgcaaag aggtcacaac tgttgagttt ttatctctca tcatttgaaa 300
gattaaggag tttttttctc tagagaacac tttattttct aatatgagaa tattttctaa 360
cgtgtatttg tttcatttcc agtgtaatat atacttctca taa 403

<210> 30554
<211> 179
<212> DNA
<213> Homo sapiens

<400> 30554

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cattggtgga attgacatca gaacccatgt gaagttccca gtcttctagc ccttccattg	120
agtacagggg aatttaactg aacagtttat tcagtgtgta cttccagggg caccctgcc	179

<210> 30555

<211> 342

<212> DNA

<213> Homo sapiens

<400> 30555

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gccaggcttc cagggagaga ggagggtttt aaggagaaca acgtgctaaa agccactaag	180
aagccaagca gagtgagaaa tgaagacctc cactgggtct tgcaagaggg gaggccttg	240
aggacctcac ctgagagctg atgaatgaag tgatggctgg aagcagctct ggagagggag	300
gaatactgtg gggaggggag gaactgaaga agtagagaag at	342

<210> 30556

<211> 207

<212> DNA

<213> Homo sapiens

<400> 30556

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ttttaaaactt gccattttat aaatttttgc tttgcatacg agcaaaccat atttctattg	120
cttatgacat gattttatga gtaagctatt agttgagcct gaggtcctgc agtcattctt	180
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<210> 30557

<211> 283

<212> DNA

<213> Homo sapiens

<400> 30557

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tggagtattt tgacctgggc agacacttta aacacaaatg atttaatcag aactgaacca	180
gcagttaaac cattaacaac tcttccccct tttatttttt atttattata ctcatTTTTT	240
gttggaatcc taccgcgccc cctccgcccc gccacgacc ccc	283

<210> 30558

<211> 368

<212> DNA

<213> Homo sapiens

<400> 30558

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aggtacatgg attctggagt cacataaaat gggtttaagt ccaagatttt tcatttagta	120
gcagtaaaaa gttgaattaa ctgatttcca ggtctataaa ataagamtaa ttagtaataa	180
ttattgtaaa tgatgtgaca tatgtgaaga ctctagcatg gggcccagta caacacaagc	240
acccaattgg cacttactgt tgtaccctaa tctgaagata gtcagtcttc tacagttgga	300
gaagaaaggg agtggataat aagttgcctg ttcagtaaat ctgtgggtgct acttttcagt	360

gtcttgca

368

<210> 30559

<211> 428

<212> DNA

<213> Homo sapiens

<400> 30559

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ttatggaggc	caaatatatc	agatgratag	gctaatttcc	ctgagttgct	ggccttatta	120
gtccctactc	tgttgcccc	tggttaccta	atgcatgttc	aaaaggtata	gttttcatca	180
cctgcttgat	cttgattttc	agacagcatc	aaatcagttg	caaaacaaat	ccaagctaaa	240
atcttgagtg	tatgattaat	ttacttagca	tgttaattatg	cagtatttta	ttttttattt	300
tttatttttt	ttgagacaga	gtctcactcc	attgcccagg	ctgaagtgca	gtggcacgaa	360
tctcggtctg	ctctaacctc	tgcctcctgg	gttcaagtga	ttatcctgcc	tcagcctccc	420
gaatagct						428

<210> 30560

<211> 347

<212> DNA

<213> Homo sapiens

<400> 30560

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aaagccttaa	tgttgtaatc	atatcttacg	tgttgaagac	ctgactggag	aaacaaaatg	120
tgcaataacg	tgaattttat	cttagagatc	tgtgcagcct	atttctgtca	caaaagttat	180
attgtctaatt	aagagaagtc	ttaatggcct	ctgtgaataa	tgtaactcca	gttacacggt	240
gacttttaatt	agcatacagt	gatttgatga	aaggacgtca	aacaatgtgg	cgatgtcgtg	300
ganwgttatc	tttcccgctc	tttgctgtgg	tcattgtgtc	ttgcaga		347

<210> 30561

<211> 398

<212> DNA

<213> Homo sapiens

<400> 30561

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cgtcagaagg	caacatttac	catgttcctt	tcagtctatc	caaagtagca	acttaactag	120
ttgctggcaa	ctgaataacc	agagtagtgg	aawtttttagg	dcttgaggac	gtgaacaact	180
tgaaagagaa	aattgattcc	ccttgaggaa	agadtggctc	aacgtggatt	tttattcatt	240
gtgggtgcacg	tttcaaattt	tcttgcaaat	tattttatat	cttatttgat	gttaagtaat	300
atcttttaaag	tatggttttt	gaagatagta	ggaatggagt	acagdaaggc	atacagtatt	360
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<210> 30562

<211> 239

<212> DNA

<213> Homo sapiens

<400> 30562

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actgcaggcc	tcagccagca	ccccaggca	gcccctgttg	ctgctctctg	gccaacagtc	120
tcctaagagt	ccagggttgc	ccattgctat	tgtgggggtca	catatctttc	tacatccata	180
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<210> 30563

<211> 188

<212> DNA

<213> Homo sapiens

<400> 30563

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<210> 30564

<211> 343

<212> DNA

<213> Homo sapiens

<400> 30564

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cttttacctt	atctaactatg	taagagtcaa	aatcaaactt	gcctggaatg	gcttctat	180
cccatagctt	tctacctatc	tacttggcat	tttccctttg	tgttgtgact	attaaattcc	240
tatttaaaag	aaaatgattg	tgggcaattc	tcgcccttca	cttttgcttt	taaaagaaaa	300
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<210> 30565

<211> 124

<212> DNA

<213> Homo sapiens

<400> 30565

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<210> 30566

<211> 224

<212> DNA

<213> Homo sapiens

<400> 30566

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caatagtggg	attgctggat	tgaatggtag	atctactttt	agtcctttga	gaaattttcca	180
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<210> 30567

<211> 168

<212> DNA

<213> Homo sapiens

<400> 30567

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168

<210> 30568

<211> 370

<212> DNA

<213> Homo sapiens

<400> 30568

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ggggctatga	gaccttgggc	cagcaatgac	cctctccaag	cctcagtttg	tgcatgtcta	300
ctctggagag	aaaagtagtg	cacagtcctt	cgggcagcag	tgaggmttca	atgagttgaa	360
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<210> 30569

<211> 201

<212> DNA

<213> Homo sapiens

<400> 30569

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tatttcagag	tttttctttc	gaatgtaaca	tggaaaattt	gtcattttga	aaacaagcag	180
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<210> 30570

<211> 369

<212> DNA

<213> Homo sapiens

<400> 30570

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catggatgac	agtaggtgca	tattaaatgc	tttttcccc	tgccctcctg	agtgtgctaa	180
caagtgtgat	tgaataggta	acaagagaat	ggcattacc	attagatcag	tgatttttgt	240
ttttatcaag	atattgaaat	gtctttgtaa	cgtataaaat	ttgctcccag	tttcagccta	300
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<210> 30571

<211> 327

<212> DNA

<213> Homo sapiens

<400> 30571

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gtcatttctc	cccttcgaac	cctccccagt	ctttttctcg	tttgagccac	aaacagtcgt	180
gtttctactg	tattaaagca	aattaaccta	gtaagaaaca	ctgacttttt	ttttactggc	240
tacagttcta	agcacaagaa	aaggggmaag	gmgaacaaat	aaagamatag	gaaaaatgag	300
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<210> 30572
 <211> 418
 <212> DNA
 <213> Homo sapiens

<400> 30572
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 ggtaattgg acacattttt aactataaag gattaactaa aattgtggca accttttcag 180
 ccttgagatt ccattaaatt gtagtggtt tgcttggtt tttttgtatt gataattttt 240
 gtgaaaacct tcaggtcaga gtcacttttc tagatcagaa tgcataaatt aactgagaga 300
 gaataactta aaatattcag tggaattaga cagcattgta gttttctttt tcacttttaa 360
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<210> 30573
 <211> 382
 <212> DNA
 <213> Homo sapiens

<400> 30573
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 atctcccca ttacaaaaac cgtgaattaa agacattaat atgttaaaca gccttaggtt 180
 ttaggagtag tatcatgcc tgcactcactg tgatgagact atatctgtcg ttagatgcgt 240
 ttagctctaa gaacagtgt tgamagaacc gctgaccaag aggtccagga ccagagagaa 300
 agactcgtaa tgggagagaa aacatacggc tattagagaa tctagtcag tcatygcaga 360
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<210> 30574
 <211> 250
 <212> DNA
 <213> Homo sapiens

<400> 30574
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 tcacataata ggaagtcact gtctatattt tggcaatata acttcttagg cgtgttcttc 180
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<210> 30575
 <211> 228
 <212> DNA
 <213> Homo sapiens

<400> 30575
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<210> 30576
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 <212> DNA

SECRET

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taataacttt	ctctgcagtt	atcagtcagt	taaaagagcc	catgtagttt	tagaattaga	180
gatatagggt	ggaaaagata	aaataactaat	ttgaggtgtg	cgtgtgtagt	gtcaggctcc	240
gtacttgaga	gccaaagggt	taagagtctt	gatttttatgc	cagggatgcc	ttcactgaaa	300
ctcaccctaaa	tagcagaaga	ctgttttcat	caattttacta	atatcaatgt	tatctagcac	360
cac						363

<213> Homo sapiens

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tttattattc	ttgagtgtct	cagaaacttt	agtgtaaagt	gtcctttgct	atccaggata	180
taacagctgg	ttccagataa	catggatatgt	ctcattagag	agataactaga	tctaattatg	240
caacatataa	gcaagatcat	tatagaaaca	ttactcgatg	aggtaagtaa	agtacatgtg	300
aaatctaact	ctgctgttga	aagaattttt	gaaagcaaat	gtaaggaatt	aataattact	360
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<213> Homo sapiens

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tacctagtat	ggaatcttgg	tctttgtaat	ttttgaaata	aattcctttc	cagaaaattg	180
gagtttgctt	aaattaattt	cttgtatgtt	tggaaactat	aattgatttt	tttacattgg	240
ggaattaagg	gaatgtcagt	tctacatagt	ttccctgtgg	ctcattgtta	cttgtttgac	300
tcacacttct	atctcaatgt	gaaggtgacc	tggaaagtga	actggaaaat	attttctcaa	360
tattt						365

<213> Homo sapiens

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tcttaactac	catgattgct	tttgagggcc	cggaattata	aatatatatt	atattttaaat	180
tgtttgagat	tattttgaca	cattttctttg	atacgtagag	tgttttgttt	ttaatttaaaa	240
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aggttcagca	ctcggccccc	cactgcggga	gaggcggaac	ccacttgcat	gtcagcgttt	360
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<211> 181
 <212> DNA
 <213> Homo sapiens

<400> 30580
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<210> 30581
 <211> 365
 <212> DNA
 <213> Homo sapiens

<400> 30581
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<210> 30582
 <211> 133
 <212> DNA
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<400> 30582
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<210> 30583
 <211> 222
 <212> DNA
 <213> Homo sapiens

<400> 30583
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 atttatcagt tattactctg agtaaatatg aatatatatt tttgtccac cccaccccca 180
 caaccttttc tttttaacag atgaggtaac atacccaca ac 222

<210> 30584
 <211> 173
 <212> DNA
 <213> Homo sapiens

<400> 30584
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SECRET

<212> DNA

<400> 30585

<210> 30586

<211> 91

<212> DNA

<213> Homo sapiens

<400> 30586

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ttaaatcagc ygagagacca ttgtgatgtg t 91
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<210> 30587

<211> 381

<212> DNA

<213> Homo sapiens

<400> 30587

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tgataatgat	atggacaata	agacccwkgc	tgacgtggtc	tccgatggag	ctgaggaact	300	
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<211> 365

<212> DNA

<213> Homo sapiens

<400> 30588

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agaagaagtt	tcttattgga	ggcagcaggg	gactgtgcaa	ctgtgcagca	ggaggcagca	180
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<211> 306

<212> DNA

<213> Homo sapiens

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tctagtgtcg	ttaatcgta	agctacggct	ctttcttcat	caactgtcact	tggccagagc	240
ctagcctact	cacattgggc	tctgggtctta	ctttcacctg	cttcctacat	tcaatcatgg	300
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<210> 30590

<211> 316

<212> DNA

<213> Homo sapiens

<400> 30590

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ggcacgaggg	cctcttctag	ccctcctagc	tagcttcaac	atcataagcg	tcttgaacgc	180
agagtgttac	ctgaaacaga	ttttacatcc	tacttctcat	tttacagttt	cagagactcc	240
tccactctct	gggaatgaca	cgnactccct	ctcctgcgac	agtggcagtt	cggcaactag	300
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<210> 30591

<211> 212

<212> DNA

<213> Homo sapiens

<400> 30591

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tckaatacata	tttttttaag	ccaagagaac	tggttgaaatg	aatgtttatt	ttcctgaagg	180
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<210> 30592

<211> 323

<212> DNA

<213> Homo sapiens

<400> 30592

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gttagtggcc	atttgcattc	taatgtcaat	cttatcagat	gttcccagac	tacaaactgg	180
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ccaaatatag	aaggcatttg	cataacatca	atgttagacc	tgggcttggt	agactccttg	300
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<210> 30593

<211> 113

<212> DNA

<213> Homo sapiens

<400> 30593

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<210> 30594
 <211> 236
 <212> DNA
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<210> 30595
 <211> 379
 <212> DNA
 <213> Homo sapiens

<400> 30595
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 <211> 325
 <212> DNA
 <213> Homo sapiens

<400> 30596
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 tcaaaaaataa gcccttcagc aacttaattt ggaaatagtg ggtaagagag tgcgttatgt 240
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<210> 30597
 <211> 402
 <212> DNA
 <213> Homo sapiens

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<210> 30598
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<212> DNA

<213> Homo sapiens

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<210> 30599

<211> 116

<212> DNA

<213> Homo sapiens

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<210> 30600

<211> 264

<212> DNA

<213> Homo sapiens

<400> 30600

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taaagtgtat acatcttaaa tgtacagttg gataattttt acctatgtgt atgtcctgag	180
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<210> 30601

<211> 247

<212> DNA

<213> Homo sapiens

<400> 30601

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cccatctcta caaaaaaatt ttttaaaaag ccattgcgtg tggcatatgc ctgtagtccc	180
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<210> 30602

<211> 438

<212> DNA

<213> Homo sapiens

<400> 30602

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atctcccttc tccagegaga ccctgggggg aagccggcag ccaccgtctc cctccctccc	300
tcccaggagg ccatatggaa cctgaatttt tccaacatgg aggcaaggga aatagatctg	360
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438

<210> 30603

<211> 225

<212> DNA

<213> Homo sapiens

<400> 30603

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gattataatg	kvtttttact	gtaccttttc	tgtgttttaa	tacacaaaac	catgatatta	180
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<210> 30604

<211> 383

<212> DNA

<213> Homo sapiens

<400> 30604

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caaattggc	agctattcct	aaccagtttt	tagtgtctat	gcacacctgg	tctaatacat	180
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catttcactg	cagatccagc	aacttatttc	tctaggaccc	ctctctctag	cagggagcta	300
ttctttcttt	cacctattaa	acttacgctc	tcttaaactc	actctttgtv	bgtccatc	360
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<210> 30605

<211> 433

<212> DNA

<213> Homo sapiens

<400> 30605

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ctcctaattt	atgaaataaa	tcttacattt	atgttattta	ggagcgcaag	caatcaaata	180
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atcttatata	aatcagtagc	catttactca	gccactcatt	tctttagcag	atatgtttat	300
tgggtaccta	ttgtgtgctt	aacagtgtgc	atcgggctaa	gtataaagtg	ataaatacaa	360
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<210> 30606

<211> 324

<212> DNA

<213> Homo sapiens

<400> 30606

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atgaggatta	aactttgcct	cataaaaagta	ttctgacagg	tgctttgcac	agagtaagtc	180
cgccaaagt	gacgttctca	tatgtaattc	tgagcttact	catactggcc	aggaaggacg	240
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 <212> DNA
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 gctgggctgc tgcaagtccg gcctgataga catgctagct ttatctcatg gagccatagg 180
 gtaacagatg gctcattact tattcagcag tcattgaatg tgtgctgtgt gccaggcatt 240
 taaagatgaa tcaaagtccc tgccctcaag aggttgatag cctaattcca gccagaaagc 300
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<210> 30608
 <211> 305
 <212> DNA
 <213> Homo sapiens

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 ttcaatttta atataattcc taattgtggt aacacagttg agatatgtat tatgagttat 180
 gggaactaat tgagaaaagg aagtactct aatccacgta tgtaagaga atattgagtt 240
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 gaaac 305

<210> 30609
 <211> 389
 <212> DNA
 <213> Homo sapiens

<400> 30609
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 tctgacctgg cattttgtag atattaacag gtgaattccc gactcttttg gtttgaatga 240
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 ttttttcagt cctatccaaa tttattgaa 389

<210> 30610
 <211> 273
 <212> DNA
 <213> Homo sapiens

<400> 30610
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 ggcatagaca aggaagagaa gttgaggatg gaataggctt gtgttttgct gtgggcagtc 180
 gaaggagtgg gctctggacc tttgttcggg aattgagtgt tttaggaaga attgcctata 240
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<210> 30611
 <211> 409
 <212> DNA
 <213> Homo sapiens

<400> 30611
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 ataattctat gatccttata catcattaag tgcattcctga ttatgtccag ggtacgttat 180
 tagaatagca taactggacc aaaaggacca gaacaatgaa aagcttttta aattttttaa 240
 tttttttttt tatttttttag acaagagtct tgctgtcacc aggctggagt gcagtggagt 300
 aatctcagct cactgctact tccacctccc aggttcaagt gattctcctg cctcagtcctc 360
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<210> 30612
 <211> 302
 <212> DNA
 <213> Homo sapiens

<400> 30612
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 ctttgaagct caggaaagaa gagaaatcca ctgagaacag tctgtaaagg tccgtagtgc 180
 tatctacatc cagacggtgg aaggagaga aagagaaaga aggtaaaacc atttctttaa 240
 atacttaaca gaattggcac atatgccact ggctaaagtc acctggccac acaagcgtgt 300
 ct 302

<210> 30613
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 <212> DNA
 <213> Homo sapiens

<400> 30613
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 tgaaaagaaa taatcattcg tttncctttc taccattgag cataaatgcc attttaaagt 180
 ggagaaatct cttccacctt aaaaaaaaaa cctccttttg acactgagcc tttctacccc 240
 attcttacc tctgcccac 259

<210> 30614
 <211> 418
 <212> DNA
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<400> 30614
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 gcgtggactt ctgtgacatg gtgggcaacg tgggtccggg tgagagagac tgccttagtg 240
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 tgtcaccctt tcacacccca ggagaaactg aggaactcac ctagggccac aggcttgtag 360
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<210> 30615

<211> 378
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 <213> Homo sapiens

<400> 30615
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 gctcaacccc atctttggag agatcctgga gctaagcatt tctctcccag ctgagacgga 180
 gctgacggtc gccgtatttg atcatgacct cgtgggttct gacgacctca tcggggagdc 240
 ccacattgat ctgggraaacc gattctatag ccaccacaga gcaaactgtg ggctggcctc 300
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 acattcaagc tcacattc 378

<210> 30616
 <211> 290
 <212> DNA
 <213> Homo sapiens

<400> 30616
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 ctgtacttgc cttctgcact tgctcacccc cgtaagtgtt agcccccggc atctgccaga 180
 ttctgcaggt gggttttttag ttttctctt gaagtgggtt accactccta cttaaaacac 240
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<210> 30617
 <211> 309
 <212> DNA
 <213> Homo sapiens

<400> 30617
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 atgttcttcc atttctttgt gtcctctttt atttcattga gcagtgggtt gtagttctcc 240
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<210> 30618
 <211> 191
 <212> DNA
 <213> Homo sapiens

<400> 30618
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 accccaaaca c 191

<210> 30619
 <211> 145
 <212> DNA
 <213> Homo sapiens

<400> 30619

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gtgagagaaa ctttcctgct ccggccgcgg cccggagcct cgccgcccc gcgttccgaa	120
cgacgatgcg tccagatgac aacgc	145

<210> 30620

<211> 65

<212> DNA

<213> Homo sapiens

<400> 30620

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<210> 30621

<211> 354

<212> DNA

<213> Homo sapiens

<400> 30621

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ttataaagtc tagctttttg tcatatgttt tcaaaatttg	atggttttagg ataataagtt	180
aatcaaaagt aaatgtgatc tatactgtgt aagagttcaa	taacttttat aggaggaatt	240
tataaatggg ggagagtagg taaatccttg gatataattg	gattaaattg gaaatgttca	300
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<210> 30622

<211> 321

<212> DNA

<213> Homo sapiens

<400> 30622

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gtctccacta aaaataccaa aaaaattagc tgggcatggt	ggcacacacc tgtagtcccc	180
tgtagtccca gctactcggg aggetgaggc aggagaatcg	tttgaacctg ggakgtggag	240
gttgcatgta gccaaagatca tgtcactgca ttccagcctg	ggcaacagag gaagactccg	300
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<210> 30623

<211> 326

<212> DNA

<213> Homo sapiens

<400> 30623

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gaagtcaagt agcatgatgc ctccagcttt gttcttttgg	cttaggattg acttggtgat	180
gtgrkctctt ttttggttcc atatgaactt gaaagtcgtt	ttttccaatt ctgtgaagaa	240
agtcattggt agcttgatgg ggatggcatt gaatctataa	attaccttgg gcagtatggc	300
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<210> 30624

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<211> 309
<212> DNA
<213> Homo sapiens

<400> 30624
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gccttaagag ctgtaacact tgccgtgaag gtctgcagct tcaactcctga gccagcgaga 240
ccacgaaccc accagaagga agaaactccg aacacatctc aacatcagaa cggacagact 300
ccagacgaa 309

<210> 30625
<211> 270
<212> DNA
<213> Homo sapiens

<400> 30625
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ggaagmatga saggaaaaaw agctaaagct ctccccaag gaggccaggc gcggtggctc 180
acgcctgtaa tcccagcact ttgggaggcc gaggcgggtg gatcaciaag tcaggagatc 240
gagagcacgg tgaaaccccg tctctactaa 270

<210> 30626
<211> 78
<212> DNA
<213> Homo sapiens

<400> 30626
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ttcatctgtg ttgtgtct 78

<210> 30627
<211> 121
<212> DNA
<213> Homo sapiens

<400> 30627
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aacttgctga aagtgcacac gccgatttgc gctaatacgt gtgacttcgg aagctgcact 120
t 121

<210> 30628
<211> 332
<212> DNA
<213> Homo sapiens

<400> 30628
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aatctgattc tcacctctgg cctggtctgc tttttgtgtt aagaagtaat tttagtcctt 180
ttgttttgct gtggattatt tgaaaagtga attatagtaa tatggaatct gagagctaaa 240
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ggtcattgtat atagtttggg ggctctagtc ta

332

<210> 30629

<211> 182

<212> DNA

<213> Homo sapiens

<400> 30629

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agcctgtcag	catggcaaaa	catcatctct	aaaaataaag	agagggagat	caagaacaat	180
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<210> 30630

<211> 133

<212> DNA

<213> Homo sapiens

<400> 30630

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gggcagtaga	gcgagaccct	gtctcaaaaa	aagaaaaaaa	attttaaact	tatattcttc	120
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<210> 30631

<211> 328

<212> DNA

<213> Homo sapiens

<400> 30631

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ttgcttttgg	aaacaagggt	cttaaagata	atttaacctt	tctttcatga	cttaggctta	180
attattaaaa	tggccaattt	tcagaggcta	atttgtgaga	actgcatctc	ctaccctgag	240
tggaagtaac	tgcttttagta	gtttgtwtgt	ttgtwtcttc	tatccttctc	cccacctctc	300
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<210> 30632

<211> 213

<212> DNA

<213> Homo sapiens

<400> 30632

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gggaggatca	cctgaggaca	gcagtttgag	accagcctga	gcaacatggt	gaaaccttgt	180
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<210> 30633

<211> 143

<212> DNA

<213> Homo sapiens

<400> 30633

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tggatgtcca agtgtggggg ctt 143

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<212> DNA
<213> Homo sapiens

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cagacacttt tataacatag attcattctc aaattaccca attatagttt ctggatatgg 180
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tggagaagaa cacattgaca agataatctt tcaaaagata tctgaatata aatagrtaaa 300
gragctccat gataaga 317

<210> 30635
<211> 244
<212> DNA
<213> Homo sapiens

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avttgttaac ataccaaaca cacatggtaa tagtttggga caaaataact agtaaaatgt 180
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acat 244

<210> 30636
<211> 238
<212> DNA
<213> Homo sapiens

<400> 30636
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aagggggatt gttggactga tttgtgattt ttctgggaat gcaactcawk ttagaagagg 180
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<210> 30637
<211> 270
<212> DNA
<213> Homo sapiens

<400> 30637
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ggcttttctg aactttttta gcttatatta ggtttgtctg ttctagaatt ttgtatacat 180
ttatttatat tataggacac ttttttagctt agctttcccc actcgggggt agaaagatta 240
tattgatcca tgatcatgat gtcgattcgt 270

<210> 30638
<211> 134
<212> DNA

<213> Homo sapiens

<400> 30638

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gttctgcttt tttt	134

<210> 30639

<211> 310

<212> DNA

<213> Homo sapiens

<400> 30639

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aaaaacatac caattaaaag ctactcaaag taaaaagaag cttgcaaaac atctcacaat	180
ttcattttat atgcctgtaa ataaagctgg accactgaaa ccaaacaatt ggatgggaaa	240
atatgataga aggcttaaaa tagaataaat aattttataa agttaagttt tcttttttaa	300
cccccccgaa	310

<210> 30640

<211> 304

<212> DNA

<213> Homo sapiens

<400> 30640

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gctattgccc ctctttatac ttccgtctcn ctctccaaca gctcctggca accactaatc	180
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tggtattttg agactggctt ttttcactaa gcataatgtt tgcaagggtc atccatgtca	300
tagc	304

<210> 30641

<211> 77

<212> DNA

<213> Homo sapiens

<400> 30641

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<210> 30642

<211> 56

<212> DNA

<213> Homo sapiens

<400> 30642

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<210> 30643

<211> 156

<212> DNA

<213> Homo sapiens

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 ktctcccagt cttagtcagt atkattctct ctctct 156

<210> 30644
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 <212> DNA
 <213> Homo sapiens

<400> 30644
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 gggataaaat atctataatc attcatttgc tttatccaac aattcacatt dtawtagtct 120
 taagakanca aaactcacc ccaacagaaga gtttgtaaata gtctgtatka tatgtttttc 180
 ccaattttgc actatgtcta cattgtcaga gcatatagcc agagg 225

<210> 30645
 <211> 325
 <212> DNA
 <213> Homo sapiens

<400> 30645
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 ckgcctctac ggccataaat gccsggasat tagcggagaa gctccgmgcc cagaaacggg 180
 aacaagacac aaagaaggag ccggtgtcca caaacgctgt tcagcggaga gtgcaagaaa 240
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 cccgacgaat tctccaccar gacaa 325

<210> 30646
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 30646
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 ccagctaagt gccagttttt aagtgggaac actgctatgg gcgttggtcc atgatcaaac 180
 ggctggcatg actcatcata gtcacgaaca gttattagcc agccatggct gtggttgctt 240
 gccttagcag tcctgtgtta gcattgcttt actctgggca cttttttctt attctctatt 300
 ctgggataga agtagtttct gacttctagc caggttcagt ccaggctgga gagatctaca 360
 mntgtttcta ggattctcgt tttcaagggt tct 393

<210> 30647
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 <212> DNA
 <213> Homo sapiens

<400> 30647
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 caatgttatg ggtakdatgt gctggtctcc tcctctggat aagatgggca acagtgttaa 180
 ggaattcac tttgtcacg atcttgtttc tctgtgtaat ttccataact atgataattt 240

gagacacttt gcaaaaaact tgatcctcga agagaagggtg gtgatcaaag ggtaaagtca 300
 gtgataaatc ttttgtktgc tgcataact ggagatgtgt ctgcacttcg aagatttgct 360
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<210> 30648
 <211> 269
 <212> DNA
 <213> Homo sapiens

<400> 30648
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 tccaggccgg gtgcagtggc tcacgcctgt aatcccagca ctttgggagg ctgaggcggg 180
 tggatcacga gttcaggaaa tcgagaccat cctggctcac acggtgaaac cccgtctcta 240
 ctaaaaatac aaaaaaatta ggggggtac 269

<210> 30649
 <211> 253
 <212> DNA
 <213> Homo sapiens

<400> 30649
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 tgtctcgcgc ctgtaatccc agcactttgg gaggccgagg tgagcggatc acttgaggtc 180
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 attggctggg ccc 253

<210> 30650
 <211> 244
 <212> DNA
 <213> Homo sapiens

<400> 30650
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 tgaaatgctt rcctgrgcat tttctttgag agtcatgtcr mrttaatact aaaaaaattt 180
 cagattttgg agcattttgg attttgaatt ttccaattaa ggatactcaa cctgcgttat 240
 gaca 244

<210> 30651
 <211> 379
 <212> DNA
 <213> Homo sapiens

<400> 30651
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 ggctgcaatt tccttgatgt tctctacagg atctctaata ggcccaagg acaagctcag 180
 gattctccga atgaagttaa ggtcccttgc ccatccggag aggcctcagc tgtgtcggta 240
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 gcagttgtaa ctgttgccag gacacatggc cataaataat agvaagaaag ctacaaccac 360
 aggctgtttg aaagcttca 379

<210> 30652
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 <212> DNA
 <213> Homo sapiens

<400> 30652
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 gcaggagcct tgatccacc aggaagaggt gccagctgga tcagcaagag gctggtggag 180
 aacaagaagc tgctatgaac caatctttag aaaacagcag gatctccgag gagagaaaga 240
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 tcctcatcat ggtctcaata aaccacgt 329

<210> 30653
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 <212> DNA
 <213> Homo sapiens

<400> 30653
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 caccgcatte tcctgcatca gcctcccgag tagctgggac tacaggcacc cgccaccaga 180
 cccggctaatt ttttttgtat ttttagtaga gatgggggtt caccgtgtta gccaggatgg 240
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 gcggtgakeca ccgcgcccgg gccg 324

<210> 30654
 <211> 146
 <212> DNA
 <213> Homo sapiens

<400> 30654
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 tgcttagttg gtgaaacca gaccgt 146

<210> 30655
 <211> 146
 <212> DNA
 <213> Homo sapiens

<400> 30655
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 ctttgaaaaa gattggtcct atcctcaatc taattkattc actattaata ttttaaaaca 120
 ttcttgagat acttaaaaag acccac 146

<210> 30656
 <211> 252
 <212> DNA
 <213> Homo sapiens

<400> 30656
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gctgtgtaca tcacttgca atcaccmaaa aacactccgc tgcccgtgac cgccggtggg 120
 tgtgtccccg ctcccgtcgt cccgcccacc tcaaaccctt cagggtgtgcc tcccagcggg 180
 ttattttattg tagaaagtgt attcatttgc tttataatga aaaatacatt tgcaaaggta 240
 tattgatatg ct 252

<210> 30657

<211> 181

<212> DNA

<213> Homo sapiens

<400> 30657

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 cagagtctca ctcttggtca gactggaagt gccatggcgt gatcttggct cactgtgacc 120
 tctgcctccc agtagctggg taacctcctg agtagctggg attacaggca tgcaccacca 180
 c 181

<210> 30658

<211> 317

<212> DNA

<213> Homo sapiens

<400> 30658

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 gggtagaggg attcaaattt gggatgatgc tcattgattc ctgaccatag cagtgaaggg 180
 ccattttttg tgcaggaaat gtgcttagga ctcagctctg ttttcgatta tccaccacag 240
 aaaccctgag acacagagca gcttagaagt ctctaccagg gcgtaaatag agctccctac 300
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<210> 30659

<211> 122

<212> DNA

<213> Homo sapiens

<400> 30659

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<210> 30660

<211> 380

<212> DNA

<213> Homo sapiens

<400> 30660

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 aaaaatgcac ctgaaacttt tacagtgatc ttctgggttg ggagtgacaa aagggcctta 120
 ccctttttgt aatgggtttc ttttgtataa cagaatgtac catgtattac ttatgtaaaa 180
 aattttaccc tcacactgta tttactctta caattggcgt acagtatttt attgtataga 240
 tggtcattat ttattcagtc tgtaataat ggtcatttaa gtttttctcc agttgacaac 300
 tctaaataac attgagataa atgtagatat atcgttgtac atttgccttg gtttttccca 360
 tgggataagt tctggaaaat 380

<210> 30661

<211> 383
<212> DNA
<213> Homo sapiens

<400> 30661
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ctaaagtccc tggctcamtg tggbcacaag tagagtatac atgttggctg actttattat 120
tcagaattta gttaaatttt agatatttta gtaatataga ttagagtaaa aaggaaaata 180
accattctct aacatcctct cgacttaaac tttttattag gttttcataa gtttcctttt 240
tgatattaaa gtaactgtag aatatctctg cataggccat aatgccttaa gctttaccaa 300
cccaaagtt gtttgtatct ctgcatcttt taattaratg amacatawaa tttaagggtc 360
ttgggatttc caaagagcgc tca 383

<210> 30662
<211> 57
<212> DNA
<213> Homo sapiens

<400> 30662
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<210> 30663
<211> 407
<212> DNA
<213> Homo sapiens

<400> 30663
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aatataaaaag cagcaaaatc tcagctactt atataatttt stncttttat ttgaaagtta 180
cacttagaga ttaataatat gtacagagaa gcttttbctg cctactctgt ttatrctct 240
gtccaacttg ccacaaaaca ctgccctcct tcaacccatc tgatgtgggc aaagccactg 300
ttttcttagg ccataaactc agtgcagctg ttttattttt ataatgccgg tcaacctttt 360
tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtgt 407

<210> 30664
<211> 364
<212> DNA
<213> Homo sapiens

<400> 30664
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tttccccaag ccctcttaat ccctgagcta tgtctcctcc aaccgtgcct ccgatggggg 120
tagatggcgt gtccgcatac ctgatgaaga aaaggcacac ccacaggaag caacggcgca 180
asccactttc ctactcgta ggaacatcgt gggctgccgc attcaacacg gctggaagga 240
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cactctttac atcattaaat atgatggcaa agatagtgtg tatggmctag aactgcaccg 360
cctc 364

<210> 30665
<211> 281
<212> DNA
<213> Homo sapiens

<400> 30665
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agaggtatgt cwagtttacg gwtgatgcac tggccacma aacttttcta attcctacta 120
aatgcatata ccaggttctg gagttccaga aataaaagat attccctaac ttaagatagc 180
ttttcaagct actgagagat agttgaataa tcagacaatt catagtagaa tgtggtaagt 240
tctgtgacag gtcattgtat caggtgcaat gggagcacag a 281

<210> 30666
<211> 271
<212> DNA
<213> Homo sapiens

<400> 30666
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tcctacctca gcctcccaag tagctgggat tacaggcatg tgccaccacg cctggctaata 180
tttgatattt tagtagagat ggggtttcac catgttgggtc aggttgggtc caaactcctg 240
acctcaggtg atccaccac cttggcccc c 271

<210> 30667
<211> 56
<212> DNA
<213> Homo sapiens

<400> 30667
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<210> 30668
<211> 262
<212> DNA
<213> Homo sapiens

<400> 30668
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gagtcaccaa vggctttgga gttcttagcc caaaatgtgg ttctgtggag gctgaggaca 120
aacttcagga cagagcatgc cttaatcgat gtgctaagcc actggctcgg gcagtcctta 180
agcaagggtc cctctgatca gacaaggaat tgtttccttc ccttttactc cagatgacac 240
ctaaagggtc aaaagaaaac ca 262

<210> 30669
<211> 190
<212> DNA
<213> Homo sapiens

<400> 30669
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tcacatgtat taaataatgg tagtcactac atcaggcaat tttgatacat gtttttggac 120
ttctggtgag gaaaatgcat catgattaaa acctttcctg gattcgggac agtctttttt 180
ttttttttt 190

<210> 30670
<211> 349
<212> DNA
<213> Homo sapiens

<400> 30670

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tggtagttaa	tattaatatc	aaataaactg	ttaaaaagct	ggtttcaa	tttatttctt	120
gagtgaaga	gaatttgtga	ccacagctgc	ataaaaagtc	agtatttcct	tctaataaaa	180
tttttaattt	cagttgcctc	ttcatgcttt	caggtttcat	ggactgtaac	cttgaratga	240
tcccattaac	agccttttcc	ttgggctctt	aatctcctca	attttatgcc	attccaaaat	300
agaagtctct	ctgatgatca	agcctttcaa	tctttacaga	tggctcttt		349

<210> 30671

<211> 278

<212> DNA

<213> Homo sapiens

<400> 30671

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cccagttctc	attgagaaaa	ggggagacgg	agcaggagga	gggggaggag	atgctccctg	120
caaagctgcc	ccccccaca	gatccaaaga	gcctcttggg	atgggcactc	gactgttctg	180
acgttgtgat	tctctcgga	gtttgaagac	agaaaggaaa	ggggagaaac	ctgcagagag	240
catcaaagga	tggggggtgc	tataaaagaa	gcaggggt			278

<210> 30672

<211> 336

<212> DNA

<213> Homo sapiens

<400> 30672

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atttgatgat	accaaagctg	ggaaggtaag	agaaatgggt	gagaacagga	ttctggaggg	180
actgctgaat	ggtttgctga	atgttggtag	aatggtcagg	tacaaaacca	gcaagctcgt	240
gctgccatag	aacttgatgt	gaggccgagc	gcagtggctc	atcctgtaat	cccagcattt	300
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<210> 30673

<211> 428

<212> DNA

<213> Homo sapiens

<400> 30673

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aaaaactgag	ctttcttgaa	gggtaaggga	tttgagtggt	ggtaggggag	aagaaccagg	120
cattatccaa	aacttaaaaa	tgggtgtggg	tgtgggtgtg	tgtgtgcgcg	cgcacgcacg	180
tgtatttatt	tatgtttatg	gtcatgcatt	cctatttagt	cttcttgagt	taccatttgt	240
aatcagacta	gggtcctggg	aawgtttttt	gcacatcatt	tagtacatat	gaatgtgagc	300
tgtgtttact	ttacaaatag	gttatatttc	aaaacgtgat	tctgggctgg	gcgtagtggc	360
tcacacctgt	aatcctagca	tgttgggagt	ccaaggctgg	cagatcgctt	gaggctaggt	420
gttcgaga						428

<210> 30674

<211> 323

<212> DNA

<213> Homo sapiens

<400> 30674

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ctccgcggt	tgccggctaa	ccgtgagaga	gtccgggagg	tacactatac	ggaccggcct	180
ccaaaggcgg	aatcgataac	gagctgcagc	gccgggtgca	gaggacgcdg	gcatcccgaa	240
gcccaggaag	agctcccaac	tagagggtcca	cccaakaccc	agagacctgg	atttgaggct	300
gctgggcggc	agatggagyg	acc				323

<210> 30675

<211> 122

<212> DNA

<213> Homo sapiens

<400> 30675

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ggagttactt	gcccaagatc	acaggrggrt	gggvtaraag	aatgggtacc	acgggacggg	120
gg						122

<210> 30676

<211> 270

<212> DNA

<213> Homo sapiens

<400> 30676

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tagaccctga	agtttttctc	tgatatggtc	agttctat	attgtatgat	gatactacat	120
atgaaagcac	tgttttctgt	tctgccgatt	aacctagtct	ttccagcaaa	ctttctccat	180
acgacgatca	caatttataa	ttttctttcc	kattattata	aatgtcacag	tcccaatgat	240
gtctttcaga	ctttgaacta	aaagcagcta				270

<210> 30677

<211> 395

<212> DNA

<213> Homo sapiens

<400> 30677

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caataaatta	gacgcatacc	tcaaccraaa	aaacagccca	tatccagtaa	gtaataaggc	120
aatgatattac	atttcacata	ttaccagagt	aatgactaat	agcdtacatg	tataaaactga	180
aaagtgactg	atgcttattt	tcagatgggt	ccaaatttat	tggataatta	tggagaayna	240
tgtatgtttt	ctgagagttg	gtagtaagaa	aatattgcc	ttgctggcca	ggcacagtgg	300
ctcacacct	taatcccagc	attttgggag	acttgaggtc	aggagttcat	gaccagccam	360
ctcagcctcc	caagtaacta	gaactactgg	tgcat			395

<210> 30678

<211> 343

<212> DNA

<213> Homo sapiens

<400> 30678

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cgcagagttg	atgaagtttt	tgaagatgct	tttgagcaag	aatacacaag	agtatgttcc	120
cttaatgaac	actttggaaa	tgtcttgaca	ccctgtactg	ttttgcctgt	gaaattgtat	180
tctgatgcc	ggaatgttct	atcaggcata	attgattctc	atgaaaactt	aaaagaattt	240

aaaggtgacc tcattaaagt acttgtgtgg atacttgctc aatactgctc caaaaggcct 300
ggcatgaaag agaattgtca caacactgaa aataaaggga aga 343

<210> 30679
<211> 254
<212> DNA
<213> Homo sapiens

<400> 30679
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gcacctcttc taggcgctgg ggagtcacac ctgaacaaaa gaaacagaaa accctgtctt 120
ccagcagttg agttctaggg cagggagaca gagtttaca gataaggaaa atatatatgt 180
agtatgctgc aagttaactg ctgtgtggga aatccagcag ggggtgggat gtgtgatttg 240
aattgagggc ctct 254

<210> 30680
<211> 335
<212> DNA
<213> Homo sapiens

<400> 30680
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ctgccacttc gcaactcagg ggcggtgca ttttagtaat ggggtcaaatg attcactttt 180
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aaaatgatca taatttttagc ataaacagag cagtcggcga caccgatttt ataaataaac 300
tgagcacctt ctttttaaac aaacaaatgc ggtca 335

<210> 30681
<211> 436
<212> DNA
<213> Homo sapiens

<400> 30681
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tcagcattca aagatcacga ttaccctgaa tggcatcttc tcttctcttg cttttttcaa 180
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cactcaaaaa tattttttat atatttttta atattcacaa atatctatac ctaagagtgt 360
gtttctagtg ttctgaaaaa ttctcaggta ctatgngttc aaaagttaca ttctcattc 420
cagaattcct catcct 436

<210> 30682
<211> 138
<212> DNA
<213> Homo sapiens

<400> 30682
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gaaaccagct atagtactga accatatatg tgtgtgtgtg tgtgtgtgtg tktttttttc 120
cccccccttt tttttttt 138

<210> 30683

<211> 202
 <212> DNA
 <213> Homo sapiens

<400> 30683
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<212> DNA
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<212> DNA
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ctgcaacaac tcttccctgg gcctgca 327

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<211> 344
<212> DNA
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 aatggtcaca acctgcagtg ccc 263

<210> 30703
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 <212> DNA
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<210> 30705
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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<211> 173

<212> DNA

<213> Homo sapiens

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<211> 334

<212> DNA

<213> Homo sapiens

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<210> 30713

<211> 397

<212> DNA

<213> Homo sapiens

<400> 30713

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caagrcggga	aaactccgtc	taaaaagrat	aagagggtta	caagtagcct	gaattttcct	360
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<210> 30714

<211> 173

<212> DNA

<213> Homo sapiens

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<211> 314

<212> DNA

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<211> 338
<212> DNA
<213> Homo sapiens

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<211> 262
<212> DNA
<213> Homo sapiens

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<211> 363
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<211> 333
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<213> Homo sapiens

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[illegible]

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aatggcctt	ttattttaca	tctctccctt	ttttcccttt	ccccctttat	tttccctcctt	180
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agtatccctt	twgtttggtt	gctgagtcac	ctgaacctta	attttaattg	gtaattacag	300
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<210> 30727
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 <212> DNA
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<400> 30727						
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tacctctact	ttgtcacctt	ctactggctc	cttaactaaa	atctgccatt	tggtctctctg	180
gttaacagtc	ccttcckgwa	aagyctaaaa	yctwaatycw	aaayccamrg	ttwaattcac	240
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<210> 30728
 <211> 382
 <212> DNA
 <213> Homo sapiens

<400> 30728						
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cagtagacct	gattttctgt	ttgcagtata	gagattgatt	tcaaggaggat	tacattattt	180

gaaaagttat	gactttcagc	ctttgaggtt	ttaagaatcc	cttttcattg	tctgatctta	240
agttgtttga	aaaaagattc	acgcttctgc	atccacctct	gccctcattc	tgtcnattgt	300
gtgtggactc	tgagaagcct	gcttgataac	ttgtcttaag	ttctattaag	gcagtttagac	360
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<210> 30729

<211> 362

<212> DNA

<213> Homo sapiens

<400> 30729

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acacccttgc	agacggttcc	ttccatttga	cctgcaatga	gaagaccaca	aacagctata	180
gccacactag	aatagagccc	cttggtgggg	gatacatagt	tctctgttaa	gaaaacatca	240
caaaaaagaa	aatgtccata	atTTTTTggt	tgtgtaacac	tttcttataa	acagkhtgca	300
gtcagggctg	tgctgaagct	gtcctgggac	ctggttgaat	atTTTcttag	tcctctgtct	360
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<210> 30730

<211> 405

<212> DNA

<213> Homo sapiens

<400> 30730

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acacaggaca	ccaagtccct	aggctgtaca	cagcactggg	accctgggcc	ctgcccattg	180
aacaattttt	tcctcctaaa	tcttcaggcc	tgtgatggga	ggggctaccg	caaaggctct	240
tgacatgcc	cagatacatt	ttccctattg	tcttggggat	taacatttgg	ctcctcgtta	300
cttatgcaaa	tttctgcagc	cagcttgaat	ttctcctcaa	aaaatggaat	tttcttttct	360
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<210> 30731

<211> 338

<212> DNA

<213> Homo sapiens

<400> 30731

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tttctttcca	ttgtgaacat	tcagttattg	gctaactgta	aaaagaggat	gggattataa	180
gacaattggg	gacatttgaa	cattgtaagg	acataattgc	tagtataagg	aaatggcttt	240
tcattgttaa	tgtttggtaa	tggtattgtg	atTTTtaaaa	aaatccttat	cttttatata	300
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<210> 30732

<211> 367

<212> DNA

<213> Homo sapiens

<400> 30732

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ccctaaaacg	gaagatat	agtaacattt	gtatctgcta	ttacttgttc	ttgtataaga	120

aaaagaaagt	aaagaaatgg	ttaaactttct	gtttgcaagg	aggaagaagg	tgttcacttg	180
ctttttcaaa	agtgggagaa	aagtgctcta	tattcccttt	tgcttttctt	ggaagaaata	240
tgtactgtag	aaagaaaaaa	caccataatt	agaacttctt	gaaaaaacia	gatggtattt	300
cagttatacc	tcattttgat	gaaggatggg	tatctggaag	caggrccggg	tacatggtca	360
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<210> 30733

<211> 359

<212> DNA

<213> Homo sapiens

<400> 30733

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tcccagctac	ttgggaggct	gaggtgggag	gaccgcttga	gcccgggaagt	nwgaggctgc	180
agtgaactat	aatcacacca	ctgccctcca	gcctgggcaa	gagagcgagg	ctttgtctct	240
taaaaaaaaa	gaatgccaa	gaaaggatga	gctcatagga	agcctcagct	accagaggtt	300
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<210> 30734

<211> 358

<212> DNA

<213> Homo sapiens

<400> 30734

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gacaattctt	gcctcttgga	ctctatgtcc	tctctggctt	ctagaccacg	gttcattcac	180
ttctattctg	ctcagctctc	ttttctgggc	tatccttatt	ctccccctca	cagttctcaa	240
atggtgtttc	cbaggggtcca	cacttcagca	ccttcattct	cctgtccttg	attctcctgg	300
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<210> 30735

<211> 345

<212> DNA

<213> Homo sapiens

<400> 30735

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tctgttttca	gcagttaata	cctgtatttc	aacaagtagt	atggtgatcc	tgactcagag	180
caaaagtggg	tgaaatagaa	aaccatgtgg	acttccactg	aaaagctgtg	ggcactccca	240
aaccagtcca	catgctattc	cctctacctg	aaacaccctc	ttcctccatt	ccacgtgtct	300
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<210> 30736

<211> 389

<212> DNA

<213> Homo sapiens

<400> 30736

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aagaggaagc	aagactgttg	tctataaagg	gcgacggaag	ggaacaatca	attttgtagc	180

cattctttgt	actgataagt	gcaaaaggcc	tgaataaacc	aactgggtaa	gtcagtgtat	240
ttccattggc	atgggggaaag	agagagctac	aataggtaga	agggggtagc	attttcacag	300
tagtcattga	atttgatata	tcaaattgcca	cattttcagt	ctggaatgga	tgacttcac	360
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<210> 30737

<211> 280

<212> DNA

<213> Homo sapiens

<400> 30737

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ggttttctct	actcaatccc	tggagtgtaa	gcatttggat	tgtgtcacag	atbacctttt	180
taccttttct	ttcttttttt	ktctkttttt	caatatcagt	gcccacacct	tactgagtat	240
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<210> 30738

<211> 118

<212> DNA

<213> Homo sapiens

<400> 30738

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<210> 30739

<211> 352

<212> DNA

<213> Homo sapiens

<400> 30739

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aatatatata	ctaraaaatt	tcaggtctgt	raaacagcct	tactctgatt	cagcctcttc	120
agatactctt	gtgctgtgca	gcagtggctc	tgtgtgtaaa	tgctatgcac	tgaggatata	180
caaaaatacc	aatatgatgt	gtacaggata	atgcctcatc	ccaatcagat	gtccatttgt	240
tattgtgttt	gttaacavcc	tttatctctt	agtgttataa	actccactta	aaactgatta	300
aagtctcatt	ctkgtcatkg	tgtgggtgtt	ttattaaatg	agagtttata	at	352

<210> 30740

<211> 375

<212> DNA

<213> Homo sapiens

<400> 30740

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gatattatcc	aggagaactt	ccccaatcta	gcaaggcagg	ccaacgttca	gattcaggaa	180
atacagagaa	cgccacaaag	atactcctcg	agaagagcaa	ctccaagaca	cataattgtc	240
agattcacca	aagttgaaat	gaaggaaaaa	atgttaaggg	cagtcagaga	gaaaggtcgg	300
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<210> 30741

<211> 347
<212> DNA
<213> Homo sapiens

<400> 30741
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tagaaataag tatgaatatt aataaaatag catttatctt atttctctat tttatgttgt 180
gasktaacct aattttattt ttttaacatt ttcttatttc ttataatatg aatgctgata 240
tttaaaggta gatctatgtg gtattctttg tgtttcttaa ttgtttaact ctttaagatta 300
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<210> 30742
<211> 159
<212> DNA
<213> Homo sapiens

<400> 30742
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atattttcct tcttagtaga agtggttactg cctgtaacta gctcaaaata ccaatgcagt 120
ttctgcattc tggggtttgt ttttcctttt tttttttt 159

<210> 30743
<211> 174
<212> DNA
<213> Homo sapiens

<400> 30743
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agacactgaa aaataactca tttctattat aaaactgata tcttttagatg ttcagaagca 120
acttctaaa aggaggtagc agtaatggag ctatgtctat cattctttcc catc 174

<210> 30744
<211> 434
<212> DNA
<213> Homo sapiens

<400> 30744
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cacagcattg tatttaatta taacaataac aggaacatta aatctttatc tttgctgttt 180
cacctcaaag tcatagatca tctggctttt taggcacctt cactaaaggc aaaaatctga 240
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attggtgcgt gttt 434

<210> 30745
<211> 176
<212> DNA
<213> Homo sapiens

<400> 30745
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taccacagac aacggtgtca actgtctgtg tgctatctgt ggggacagag caacaggaaa 120
acactatggg gcatccagct gtgatgggtg caagkktttc ttcagacgca gcgtca 176

<210> 30746
<211> 145
<212> DNA
<213> Homo sapiens

<400> 30746
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ggttaagtaa cttgcccataa gttatgtaac taacaaatta taaagttggt attcggactt 120
agataatcca aattcaaagc ccctt 145

<210> 30747
<211> 367
<212> DNA
<213> Homo sapiens

<400> 30747
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tttttttccc tgaaaatata ccaaagttaa tcatttttag ggatcctgga tatggatggc 180
attagtatcc ctggtacttt aaatcttttg cttagtttga ggaacatgtg catgttgatc 240
atcttgctaa aacacaadsn aatcttctaa tatecttatg gtaactaatt tattgtcttt 300
cccaacttat gctttttgag atggtgctaa tgataaatat aagctattac tattgagaat 360
atcacta 367

<210> 30748
<211> 260
<212> DNA
<213> Homo sapiens

<400> 30748
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acccttcttc accttgatgg taaggcccca ggacaagggt gagaggtaac caagggcatc 120
ttagtttaga tcagttggca atgaaaatga accaaggtaa ttaaaatata ataaaaaggg 180
aataggaaat atgggaagca atggcaaaga agtgggtttc atttgatttc agtcatgtgg 240
gggttttagag gccaggcttc 260

<210> 30749
<211> 235
<212> DNA
<213> Homo sapiens

<400> 30749
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ttctagtcct taattgggtt taaagggaga aacatcatta acagagacca agtcagatgg 120
agtcagctga tctttgataa gattgtcaag aatacacaac acaggaagga taatcttcaa 180
caaattggtg tgagaaaact ggatattcac aggcaaaaga atgaaactgg accac 235

<210> 30750
<211> 258
<212> DNA
<213> Homo sapiens

<400> 30750

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aggagcacc	aggcttgagt	ggagaagctg	ttggtacagg	agaggcggca	ggaggagcag	180
gagaggctgc	atgccattct	tttcgggctg	cggagaacag	ggagctaaac	atcaccatca	240
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<210> 30751

<211> 172

<212> DNA

<213> Homo sapiens

<400> 30751

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tgttattaat	tagtagcttt	ttgtttcagt	tttaaataac	tccatttagc	aattcctgca	120
aggcaggctc	agtgatgatg	aattccttta	gcttttggtt	gtctggaaaa	ac	172

<210> 30752

<211> 189

<212> DNA

<213> Homo sapiens

<400> 30752

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ctcagcagca	gagcttaact	cctaaagagc	catttttaca	ctttttctca	cttcctctta	180
cagccagggt						189

<210> 30753

<211> 267

<212> DNA

<213> Homo sapiens

<400> 30753

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ccatcaactc	aaagatctgt	attctgttaa	acaccccttg	ccaattaagc	cacctgaagg	180
caggtaggga	agcacctgac	agtgactgac	agtccactgc	atgccagcca	cctatTTTTT	240
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<210> 30754

<211> 295

<212> DNA

<213> Homo sapiens

<400> 30754

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tagtttgatg	agacttgta	aaaagtatat	tatgaatgga	tcttgaatac	tatcaaagtgc	180
tttcttttat	atctgtttaa	ttgattacat	ggttttat	attattctga	ttgttggtca	240
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<210> 30755

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<211> 73
<212> DNA
<213> Homo sapiens

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agtcagtaaa ata 73

<210> 30756
<211> 300
<212> DNA
<213> Homo sapiens

<400> 30756
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atatttgtaa tgttggaaac bktatagtct tatatggatg gctcttaggt ttttcagatc 180
attcatccat ttgaagacct gcagaaaagct ttggatgggc tcctagaaaa aaaagcaccc 240
atacacgtgc tcctaaaact ctgtacaatt gtgggaggta aagctcacct gtacagatct 300

<210> 30757
<211> 172
<212> DNA
<213> Homo sapiens

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gatgctgtgg ctcacacctg taatcccagc actttgggag accagtgcag aaggatcact 120
tgagactaag agttcgagac ccagcctggg caacatagca agacccccatc gg 172

<210> 30758
<211> 135
<212> DNA
<213> Homo sapiens

<400> 30758
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cgggcgctat ggggagccgg acgccagagt cccctctcca cgccgtgcag ctgcgctggg 120
gcccccgcg cctca 135

<210> 30759
<211> 379
<212> DNA
<213> Homo sapiens

<400> 30759
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<210> 30760
 <211> 421
 <212> DNA
 <213> Homo sapiens

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 gggtaattat gggtagggag agaagtggct ggatttaggt ggacagattc ttggagccac 180
 ttgacttttg gagataatga tggtagatgt gtgtctttct gagatataaa acttcattctt 240
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 gggtttgtta atctcaaaat aacccaaca tcaccagacc tggattgtga ttttttggtc 360
 ctggtttagt cttagtgcaa tttttgtaat tccatatatt tttccaatca tacactgtgg 420
 t 421

<210> 30761
 <211> 246
 <212> DNA
 <213> Homo sapiens

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 ggccccagga ctgcctctag caggctctgt accccagatt ttactgtccc agtcctgaat 180
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 tctact 246

<210> 30762
 <211> 259
 <212> DNA
 <213> Homo sapiens

<400> 30762
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 agtttttaatt tcaaaactcca accctaaata tttatttatt gagaaacttg cactgacttc 180
 cttgtgagag taatggactt atctcttggg atattaacat aagatttann ttaagaaagt 240
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<210> 30763
 <211> 418
 <212> DNA
 <213> Homo sapiens

<400> 30763
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 atgccatcgt tgctgacaac aatgaagaac accagcgagc tggctctccag cgaggtctas 360
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<210> 30764

<211> 422
 <212> DNA
 <213> Homo sapiens

<400> 30764
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 tgattccatg tctttgctgt tgtgaattgt gctgcaatga acaaacacat gcacatatct 180
 ttataataga atgatttata ttcctttggg tatataccct gcaatgggat tgctgggtca 240
 aatgggtattt ctgggtcwva atctttgagg aatcaccaca ctgccttcct cattgggtga 300
 accaatttac atttccacca acagtgtaaa agcatttscta tktcttasra sctcscagaa 360
 tcwgttggtk cttaacttkk kartaatttg cattctgact ggcwagatg gtatcttatt 420
 gt 422

<210> 30765
 <211> 284
 <212> DNA
 <213> Homo sapiens

<400> 30765
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 gtccttttgt gcccgcgtac cctttgttga attggctact gctttagatc ttccttgtag 180
 cagaagcata aaaatagatt actgaaatgc agtatagtgt ttatgcctag agcccttagg 240
 ccattatttt wtgtgttcca ctggtcacca catagtttat taga 284

<210> 30766
 <211> 135
 <212> DNA
 <213> Homo sapiens

<400> 30766
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 acacattaag gagat 135

<210> 30767
 <211> 276
 <212> DNA
 <213> Homo sapiens

<400> 30767
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 ctccatctct actaaaagta caacaattag ccaggcatgg tggcgggtgc ctgtaatccc 120
 agctacttgg gaggtgagg gcatgagaat cagttgaacc cgggaagtgg agattgcatt 180
 gagccgagac tgcgccactg cactccagcc tgggcaatag agcaagactc agtctcaaat 240
 aaaataaaat aattrraataa aataaaaaaga aacctt 276

<210> 30768
 <211> 177
 <212> DNA
 <213> Homo sapiens

<400> 30768

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ctcatttgcc	actgggggtgt	taccagctgg	ctatattata	ttagtaagtt	cacagaagtt	120
tagaattggt	atattccatt	ggtagattgt	atcgattatt	attgtatacc	gactcca	177

<210> 30769

<211> 334

<212> DNA

<213> Homo sapiens

<400> 30769

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gagtaagtta	gtgtaaaattt	ggaaatagtt	ctatgcagca	aaaacaagct	tgagaggcta	120
agatataatc	taatcattga	aaagttgaaa	atgtgacatt	tgggatatgc	atgcagtgat	180
ttgctatatg	tgtatgtttt	ttcaattag	agatcttata	aatcaattag	ttttgacagt	240
tactgatttc	tgtacccaat	gaggtcta	tatagcattg	gataccatgt	agtgtttaga	300
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<210> 30770

<211> 423

<212> DNA

<213> Homo sapiens

<400> 30770

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tcatcatgat	aattcagcag	gcccaagtaa	aggttaaaaa	taaggctctat	gcctagggaa	180
actcagggct	tctagtttct	cttagaaaag	ctaagagaag	ataaggctctg	aataatagca	240
gaaaaaccaa	catctacaaa	acattaaact	agtgttatac	ttgatgataa	cactatttga	300
tgagtcttag	agtccagaca	caaagagaca	aagctttgaa	agatgctttt	tgatctacct	360
aggtggagtt	ggtggtgctg	atatttaaat	tcaggctact	gcttcaatct	caattgcttt	420
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<210> 30771

<211> 348

<212> DNA

<213> Homo sapiens

<400> 30771

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tgggaggccg	aggcggggcg	atcacgaggt	caggagatcg	agaccatccc	ggctaaaacg	180
gtgaaacccc	gtctctacta	raaatacaaa	aaattagccg	ggcgtagtgg	cgggtgcctg	240
tgggtcccggc	tacttgaggag	gctgaggcag	gagaatggcg	tgaaccggg	aggcggactt	300
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<210> 30772

<211> 97

<212> DNA

<213> Homo sapiens

<400> 30772

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<210> 30773
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 30773
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 cttgggatta tgggtagtca gcctgttacg agagtcctgg tctttaaaga tctactttta 180
 gcaacaattc aggtatttag caatatctga aaactctcaa gccctgctct tttagtgtat 240
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 ttcctattga ggtttttgtt cgattgttt 329

<210> 30774
 <211> 327
 <212> DNA
 <213> Homo sapiens

<400> 30774
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 gcacttttcta ttattccttt ttatagarga ggaaacagac ttctgaagct aagtaacttg 120
 tccdrctaa catagctaata aagtagcaga tccagtatca acctaggcag tatggctcca 180
 ttctccacc atgtgccatc agttagtaca gaaatagaaa ccatcgctat gatagcaaat 240
 atagtgttta gtattccttt cagcttatcg ttttatgctt cccctgtta agttacgctg 300
 gggagaaaac aaataaatga actgagt 327

<210> 30775
 <211> 324
 <212> DNA
 <213> Homo sapiens

<400> 30775
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 tattttagtg ataaaggaaa tgacactttg aggaactgga gagaacatat atgcgwtttg 180
 tttttaagag gaaaaccgtg ttctcttccc ggcttgttcc ctctttgctg atttcaggag 240
 ctactctcct cctggtgagg tggaaattcc agcaagaata gaggtgaaga caagccacca 300
 ggactcagga gggaaacgcc gaca 324

<210> 30776
 <211> 298
 <212> DNA
 <213> Homo sapiens

<400> 30776
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 gggaaaaaaa tttccctctt actggccaca tagaaccaga aatactgact gcagtatcag 180
 ggaatggtta ctgtccttcc aagagtattt acttttaagg ttcatttgtt agatctattc 240
 ggtgaaaaca cagcatcaag gctgacagaa acctggatca tatgagatac gccgttag 298

<210> 30777
 <211> 152
 <212> DNA

<213> Homo sapiens

<400> 30777

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cagaagcaaa ttatgatgga agtcaaato caacatttta atttaattta tttatttttt	120
gagactgagt ttcgctcttg ttgccaggc tt	152

<210> 30778

<211> 266

<212> DNA

<213> Homo sapiens

<400> 30778

gaggactgga caggagacc gggctggagc cggacgagct gtcggcatta tgccagtaca	60
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aaaattttga gcagacacca ttgagaagaa cattcaaato taaggctcct gcacgatatc	180
ctgagaacgt agaatggaat ccctttgacc aagatgcagt aggaatgcta tgtatgccga	240
aagggtctggc attcaagacc caggat	266

<210> 30779

<211> 285

<212> DNA

<213> Homo sapiens

<400> 30779

tgaagagata attatttgtc tggtaagcat tttataaac ccactcattt tatattttaga	60
aaaatcctaa atgtgtggtg actgctttgt agtgaacttt catatactat aaactagtgtg	120
tgagataaca ttctggtagc tcagttaata aaacaatttc agaattaaag aaattttcta	180
tgcaaggttt acttctcaga tgaacagtag gactttgtag tttattttcc actaagtga	240
aaaagaactg tgtttttaaa ctgtaggaga atttaataaa tcagc	285

<210> 30780

<211> 170

<212> DNA

<213> Homo sapiens

<400> 30780

ttgcattatt aatttyacat attaatattca cattaatttt atattaatac atattttatg	60
ggggaatatt cattttcccc catatkrac atgaaggnaa atcacagagt gaatdnactt	120
aatattccag tggggtnnnb gatgcttgta taccctactt cttttttttt	170

<210> 30781

<211> 174

<212> DNA

<213> Homo sapiens

<400> 30781

cgtgtgcacc ggcttggggg gctggagttc cggttttctt tgttttttct ctttattcgt	60
cctttctcaa agatgggata ctgatcagaa ttgctctgta tatgcttggg actggatgga	120
aagacttttg agcagctgtg gggggtgggg ggacascgac aamcaaacag acgt	174

<210> 30782

<211> 266

<212> DNA

<213> Homo sapiens

<400> 30782

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gcggggccag	aggcaccggc	tagagctggg	agcttgcgga	aggggcccct	gcctgggtctt	120
gagaggtcga	aggtctccag	gaggcctccg	cctccctctt	tttcattcac	acaccctagc	180
ctcacacgtt	aggaggaccc	ccccaacaga	ccgtgagctg	gtgccgggag	ggtggaggta	240
gatgtacctc	acctccacgc	taccac				266

<210> 30783

<211> 263

<212> DNA

<213> Homo sapiens

<400> 30783

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gccttttcta	tttgcgttca	aaactgtgtg	ttctctttct	attcctatft	gatagtttga	120
gtcatggtct	tagatattag	ctattttgtga	gaggaaactg	gtttgtaaca	atactgcaaa	180
tagaaacccc	atttctactg	aacatcctag	ttttaaacag	aagaaaaact	gtaatcctgg	240
ggttggtatg	taggaggtct	atc				263

<210> 30784

<211> 264

<212> DNA

<213> Homo sapiens

<400> 30784

aaatttcaag	aagtaagaat	tgtattttga	ggaagcaggg	atftttctgag	ttggatttga	60
ggaataagat	aacagtatct	tgcattttaa	taacagtfta	atatttttat	cattattatc	120
attaatcggt	gtttgtatct	cgctttacaa	tttttaaagc	acggttcata	tgctatgaca	180
tttggccttc	acagtttagtt	tttgagaaaa	agaaacaaaa	ttgatgttat	ccctagtfta	240
cagaaaggaa	actgatcagt	gagt				264

<210> 30785

<211> 240

<212> DNA

<213> Homo sapiens

<400> 30785

ccactgtgcc	cagccattgt	ctatacagtt	tgaataacac	actgaaaaaa	cagatcagtg	60
catatcttcc	acaattaaca	atgcatttgt	ttagagcatg	ttgctgcatt	gggtgcgctc	120
tcaggmtgdc	agcgackcna	agctttgggt	gagtttgcta	gtgccaagtt	gtttatgtgc	180
ctcccttggt	ccccttcctt	ccctgccact	ccttcttctt	cccagcttgc	tgagcttgct	240

<210> 30786

<211> 117

<212> DNA

<213> Homo sapiens

<400> 30786

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<210> 30787

<211> 273
<212> DNA
<213> Homo sapiens

<400> 30787
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agttttgcac caaatgagac agttatgttc tcctgccctc agggacattg agactagaag 180
acagtatggt caccttataa gtacatggtg taattacaaa agtggttggtg actgctacag 240
acattttgas tgtacagagg cataagagdg tcc 273

<210> 30788
<211> 259
<212> DNA
<213> Homo sapiens

<400> 30788
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tcccagctac tcgggaggct aaggcaagag aatcgcttca acctgggagg tggaggttgc 120
agcagtgaac caagatcaca ccactgccct ccagcctggg tgacagagtg agatttcac 180
tcaaaataaa taaataaata caaataaata aaagaataat tttggccagg tatggtgact 240
cacatctgca acccccagc 259

<210> 30789
<211> 255
<212> DNA
<213> Homo sapiens

<400> 30789
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tatttactta aaatttctaa acttatccca tattaacata aatatttgtt cttatttctt 120
ttttctttaa ttagcacctt tctgcctgat actctttttt tgttttgttt tgtttttttg 180
agacgcagtt ttgctcttgt catccaggct ggagagcagt ggcacaatct tggctcaatg 240
cgacctccac ctgca 255

<210> 30790
<211> 424
<212> DNA
<213> Homo sapiens

<400> 30790
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gctgatcttg aactccttga caggatactt tacaagagtg atttttaaaa ctctcccaga 120
cacaactcaa cacctacccc tattataata ttttatagca tcacttttca atcttcaa 180
gaaaatcatg gatgatgaag cttaccttca ctcataaaaa catcactcca tttactattc 240
tgaaatgaaa ctagcaggta atataactag cctctaaaaac atacctatca gtgacgttct 300
aactgaaaca grtaagatat tttataatgr rataattatt ttcatatgta catattctag 360
catggttata ttacmagrtg taattaaact actaagcagg gacatacttt gtatgtgtgt 420
gtat 424

<210> 30791
<211> 299
<212> DNA
<213> Homo sapiens

<400> 30791

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taatgaatcc	gattgatctg	attcagacct	atactttgat	ccaagggctg	cacagatatc	120
tatcaatcta	tgctgaggag	caagagaaa	gatttggaag	gctggybtct	gatgggtcaa	180
ctgcaggcca	gctactttgt	taactatggg	atcatgancg	aattaatcag	ctctaatacca	240
taattgttta	tttaacagta	ggtttatagg	wcacagatgt	tatgatggct	ttatgagat	299

<210> 30792

<211> 283

<212> DNA

<213> Homo sapiens

<400> 30792

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tttcccaaca	aggtattatt	ttgaagctac	caggggtaaa	ttttctcata	atcaaagaga	120
acccttagca	atataaaa	ttataacaaa	gttgaaaatc	ttaaaaaccg	cttccttnag	180
agtggctagt	ttaatggctt	caaaaatatt	tactccatta	tagtaagcta	tctgaggaat	240
cagagtgcag	ttgaagaagc	tcgagagaca	tctcttacc	ccc		283

<210> 30793

<211> 251

<212> DNA

<213> Homo sapiens

<400> 30793

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ttaataaata	atgctgtgac	aactgagtag	acatatggaa	gamaatatag	atttgcacct	120
cacaatttag	acaaaaataa	agttcagatg	gagaaagact	taagamattg	taagtatgta	180
ctcagaaaaa	tataggaaaa	aatttttaacg	gtgtagaggt	ctttctaaat	atgtcacaaa	240
acccggagcc	c					251

<210> 30794

<211> 459

<212> DNA

<213> Homo sapiens

<400> 30794

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aaaagctcca	gtcttttgac	tctccagaaa	ggaaacggat	taagtactcc	agggaaactg	180
acaggttaagc	caggaactct	tcattcagcc	taggcctcaa	gcctaataat	aaaaccacct	240
cctccttcaa	ctgtactgct	gttttctgtc	tcaggagat	gatattatga	gtagattctg	300
tttgaactgc	taaaacatga	ggctcatgcc	agccttttta	ctatctgtct	ttatacgggg	360
agtgtacatg	gaagggtggc	tggcagcttc	gccttcccaa	agccagggt	gnaggtagcc	420
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<210> 30795

<211> 232

<212> DNA

<213> Homo sapiens

<400> 30795

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cccttttaaa	gtttcaataa	tctacagatt	tttaaagaac	atattcatct	atctgaagta	120
gtagttagct	gaaggaattc	caccttttct	taaagttgaa	cagtttattt	gatgtgatct	180
tttttaaaaa	aacaaacttt	ctaaagaatg	tgaaatatatt	atttccaagt	gc	232

<210> 30796
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 <212> DNA
 <213> Homo sapiens

<400> 30796	
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acatttttga	ttttacaatc
aatatgacaa	tgaataactt
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tctatcagct	accagtttac
tgccaccct	
	60
	120
	180
	219

<210> 30797
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 30797	
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cacgcctgta	atcccagcac
	tttgggaggc
	caaggcgggc
	ag
	60
	120
	162

<210> 30798
 <211> 325
 <212> DNA
 <213> Homo sapiens

<400> 30798	
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aaactggagt	agcagtattg
gggataaaga	ggggcattat
ccttaattgtg	tatgcaccta
actgcaagag	aaatagacaa
gtaattgaca	catttagcag
gtataaagaa	agatatacca
atatcagata	aggcaaaactt
ggtaataagag	ggtaataact
atcaacgtat	gtgaagcaaa
atagttggag	acttcaacac
ggcgt	
	60
	120
	180
	240
	300
	325

<210> 30799
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 30799	
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gactgactga	ctgactgaca
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agtagctggg	actacaggcg
ggtgggatct	cactatgttg
aattttttgt	agagatggag
tctcactatg	ttccccaggc
acctctcaaa	gtgctgggat
gattcgtttg	ttgggttgatt
ctgaggataga	gtgggtgtgat
cattctgcct	ctgcctccca
atcttctgct	tttttgtaga
ctcagactct	t
	60
	120
	180
	240
	300
	360
	401

<210> 30800
 <211> 355

<212> DNA

<213> Homo sapiens

<400> 30800

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cttaatctcc	tcacttttat	aacagaagaa	cccaggttcc	aaaatgaaca	ggactcaagc	180
tgtttgccca	gaacctcaca	attaaatgac	tcttctgaaa	tgatccctc	aacacagatt	240
tctttaaata	gaagagcagt	agaatgggac	accacgggac	agaatcttat	taagaaagtg	300
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<210> 30801

<211> 380

<212> DNA

<213> Homo sapiens

<400> 30801

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ttaggcataa	acagcttgca	aatttcaatt	ttttttctct	cctcactttt	gaactagatt	120
tgggcaatgg	aggtgatgac	agcatttttag	aagacagaac	aggaattcta	ggtgttttagg	180
cacgttgaak	wgaaacttgc	tagaggtgwh	taagtggaaa	gaaaaagaca	attcactata	240
gggttcaaca	ttattgcagt	tctgcaaagg	atattttctt	ttaaaacatc	catatctctt	300
ctttgccatg	gaaactacac	ccnntstacc	tgaacctgcg	gcascctct	gatgacccat	360
ttggattctc	tgatttact					380

<210> 30802

<211> 275

<212> DNA

<213> Homo sapiens

<400> 30802

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ctctggtcct	agaaaacact	gagtttvctr	gwccctgcac	acttsmacgg	asataycaag	120
caggtgcaca	cttctgagcg	gcctcacaag	tgctagacct	gcaatgcttc	ttttgccacc	180
cgagaccgtc	tgcgctccca	cctggcctgt	catgaagaca	aggtgccctg	ccaggtgtgt	240
gggaagtact	tgcgggcagc	atacatggca	gacca			275

<210> 30803

<211> 290

<212> DNA

<213> Homo sapiens

<400> 30803

atttcccttt	tttggttaca	ctaattgtag	tatactataa	aaacaattat	aattatacac	60
ctaggttttg	ttatactttt	aatatattga	ggaaatcatt	ccatatattat	atttattata	120
gagctaccca	gtattaaaac	ctgcctagca	ttctatgcta	atagtgccat	attaacattt	180
aatacatgtt	gtttgctgta	ttttgccgct	acaaattaca	ctacaaatag	gccgggcgcg	240
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<210> 30804

<211> 383

<212> DNA

<213> Homo sapiens

<400> 30804
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ctttttatga gaaatgttga acatttcaca gttagttcaa caattcaaca aacatttgtc 180
aatggtctgc tttgcataaa aataccaggc ttccttcaaa gagcttgag tcatacctct 240
tattccataa tacataccat agtatactct ataataaatt taacttttaa gcttaaggga 300
atataaattg tcttttttaga tcattaaatg gaattcttta agattttgaa tataccctgt 360
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<210> 30805
<211> 134
<212> DNA
<213> Homo sapiens

<400> 30805
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gcctcatatt gagacacatt tcacgctgtt tagattgtaa tggcaattat gtatgacttt 120
tgtacgtttt ttaa 134

<210> 30806
<211> 73
<212> DNA
<213> Homo sapiens

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tttttttttt ttt 73

<210> 30807
<211> 431
<212> DNA
<213> Homo sapiens

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aatagtttct tacaagtgat accaaaagca caagcaacaa aagaaaaaca gataaattga 120
actttatcaa aattgtgagt ttttgttctt taaaggacac tatcaagaaa gtgaaaatac 180
aaccacaca atggaabwng aggttttnna agtatacact gggtaatggc ctagcaccca 240
gaatctataa agtaccaca actcaataac aaaaggacaa aaatcggaaa agggcctaaa 300
tcaacatttc tcaaaagaag atgcacaaat ggccaacagg cacaagaaaa gattctcaat 360
gttttagtca ttaggaaata caaatcaaaa ccacaatgag atacaacttt acgtatacta 420
caatgcctat a 431

<210> 30808
<211> 373
<212> DNA
<213> Homo sapiens

<400> 30808
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acagttctcg aattcctatt gttttaaaaat tttcagtcatt ttttattgtg aagttcctat 180
tgacatattt ttaagtcact gactcttggc agaattccatt ccactgatga gcccatcaac 240
aacattcatt atttcttatt agagtgtttc gatttgtagc ctttcctttt tattctttct 300

tagtattttt atctctttga ttacrttgtc catccaattt tgagtattgc cttctttttc 360
tatgagagcc ctt 373

<210> 30809
<211> 190
<212> DNA
<213> Homo sapiens

<400> 30809
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atcagagcta actttttaaga actattgaaa agtctctgag ggyaagatt gtgctggtct 120
aagatcaaat cattgttttaa aatatttttc ttatttcagt tttcttttc tttcaaggaa 180
taagtgggca 190

<210> 30810
<211> 155
<212> DNA
<213> Homo sapiens

<400> 30810
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gccaccgcc tgcccaaccg cgtgaccttg attgagttaa tgaacttcac gcctcagcgt 120
ccaggtctgt aaaatggggg gtctaacgca gaccc 155

<210> 30811
<211> 156
<212> DNA
<213> Homo sapiens

<400> 30811
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gtattctaca acacattttc tttattccaa ggagca 156

<210> 30812
<211> 190
<212> DNA
<213> Homo sapiens

<400> 30812
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aagaaactat caacagagtg aacaggcaac ctacagaata ggagaaaatt tttgcaatct 120
atccatctga caaagggcta atatctagaa tctacaaaga acttaaaca atttacaaga 180
aaaaaaaaa 190

<210> 30813
<211> 282
<212> DNA
<213> Homo sapiens

<400> 30813
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tgccctagcc tccacacttt tccttaaaaa aaaatgtata taatttataa tataggcagc 180

tctttcagga tctctcacca tccctgagcc ctctaaaaac tgtaattgat gggggtggga 240
tgtatagata tgaatgttct agagcagaaa aacccggggc tg 282

<210> 30814
<211> 164
<212> DNA
<213> Homo sapiens

<400> 30814
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gtggatggaa catgcctctc ttccctccct cctcccccct cttta 164

<210> 30815
<211> 258
<212> DNA
<213> Homo sapiens

<400> 30815
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agttaaaaca ttttatcatt ttacataaaa actggcaatg attagaaaa acagcacaat 180
atctagtatt agatggagct agggactctg gattctctct catggaatca aaattaccat 240
aaattttaag gcccgccc 258

<210> 30816
<211> 145
<212> DNA
<213> Homo sapiens

<400> 30816
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cccgtggcac actccccccc ccccc 145

<210> 30817
<211> 466
<212> DNA
<213> Homo sapiens

<400> 30817
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gctggcccga tgatatcgcc tgagccgtga atcctcctgg ccaacgccag ggcttcctca 180
ggctttgtca ttgcaggagc acttccctcc ctccctcctt ctctgtctct ctccccactg 240
cctctctttc tagcttaagc caatttgaga tggattttct gtcacttgct gttganggag 300
tcctgggtcca gccaggtgg atttcgtgca avtgraacca cataatgcaa gtctgtgtgg 360
aagtgatcgt ctgcgatcgg cgcgtgcctt cgccttatga acaggagcca tgggtgacac 420
gagcgcctcg gctgggcccgc ggggtcgtct gargtcatct gtctca 466

<210> 30818
<211> 406
<212> DNA
<213> Homo sapiens

<400> 30818

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gctgtttatg	ttttcttttc	tttgtgcctt	tattgaatac	tttatctcat	ttataacatt	120
tatagtttta	tataattaaa	tgtattataa	ttctttttaca	atttttttat	cctaatttaa	180
attttttaat	atgggctctc	actttattgc	ctaggctgga	atgtagtggc	tgttcacaag	240
cactatcata	gctcattgca	gccttgaatt	cctgaagtaa	tcctcgtgtc	tcagcttccc	300
aagtagctgg	gactatagga	acatgccgtc	acacccgggt	aactgtactg	tattttcttg	360
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<210> 30819

<211> 381

<212> DNA

<213> Homo sapiens

<400> 30819

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atcaaaaact	ctgagcgtgg	catctcacaa	tctgtgtttt	tgtaatcctt	ccaggtgact	120
gattcatgct	aaagtttgag	actcattgct	ctatgccagt	catcattccc	tttgctcagg	180
ttagaatcat	ctggagagct	tataaacgtc	cccatgccca	ggctgcgcac	agatcaatta	240
aaaggaacct	ctgaggggtg	gactcaagca	gcagtwaat	aaagttcatt	gagtgtattct	300
ggtgtgcagc	cgcagttgaa	aatgttatat	agcatttaaa	caagacacta	tttaattaaa	360
cactatttaa	attattaaat	t				381

<210> 30820

<211> 243

<212> DNA

<213> Homo sapiens

<400> 30820

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ttatcaatag	cttaccaaca	aaaaagagtc	catgaccaga	tggattcaca	gccgaattct	120
accagaggta	caaggaggaa	ctgggtacat	tccttctgaa	actattccaa	ttaatagaaa	180
aagaaggaat	cctccctaac	tcattttatg	aggccagcat	catcctgata	ccaaagccgg	240
act						243

<210> 30821

<211> 327

<212> DNA

<213> Homo sapiens

<400> 30821

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tttcttgtca	ttattcccta	aactatatag	tataataaat	atttacatag	catttacatt	120
gtattagaag	ttataaataa	cctaatagata	atctatatag	gaagatgtgt	gtaggttata	180
ttcaaacact	atgccttttt	atgtgaggga	cctcttgagc	atcagatgat	tttggtatcc	240
acaaggggtc	ctggaatcag	tccccacag	acaccaaggg	atgactgtag	tgcattttat	300
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<210> 30822

<211> 277

<212> DNA

<213> Homo sapiens

<400> 30822
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cacgtgtgca ctaggaacag gagcgaacag cacagagaga cgctccctgt gggacgcagc 120
agccccgtgg ccccggccca gttcccagcc accctccctg gctctgctca caccagagat 180
ttccatagca ggagcgggtg gtgcagaagt aggttcagat gaacctcagt taacgtcgcc 240
accctcctc ccacctgggt accctgtaga agccctt 277

<210> 30823
<211> 300
<212> DNA
<213> Homo sapiens

<400> 30823
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tgaatcttgt taaatattcc agtggactct aaatactata gaggataaga tctatcattt 120
atttgaagaa atacaatgaa caagcttttt tttaatcatt agaaatttta cattgttctt 180
tctttatctg aactcatatt tctattctat ttccccactg gttttaatcc taatacatat 240
ttatgggtga aagtttggct aggtggggtg gctcattcgt gtaaccccag cactttggga 300

<210> 30824
<211> 315
<212> DNA
<213> Homo sapiens

<400> 30824
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tgctttgggt cctctactgg ctctccctct tctgctccat acggtttgcg tggcctcacg 120
ttacttgctc ctgcgcactc tgcgctccac tcttttattt cctcttcac ctttttgtct 180
tttagtgatc tcaactcact tacagcttca gctgtagaca cykncatctt tatccccagc 240
tgtggctctt gttcagatcc aggtatacat ttcatgctgg actccagaca tccctacctg 300
gatagccccc agcgt 315

<210> 30825
<211> 308
<212> DNA
<213> Homo sapiens

<400> 30825
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taattgtttt taaaatgttt tcttacatta tacttttaaa tatttccggt gttttggtat 180
ctaggaacta attatatgaa tattacttct ttgtctgttt tcctttccag cttctttctc 240
tctgactcct tttacttctt atttcacttc attctcttgt tttctggcta ttactaagtg 300
ctcgccat 308

<210> 30826
<211> 262
<212> DNA
<213> Homo sapiens

<400> 30826
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tagaatttta aactgtgagt tccactgaat acatttttaat gtctgtagga agaatacaaa 120
cacctattta aagatggcaa tgtataataa tcatttttaaa agtatttgat taaacctgat 180

aattttccag aaatgaaaaa aaaaatcagc tctaaaacca aagctgattt tagaaaattt 240
gaaaatgtaa atcagccctg ga 262

<210> 30827
<211> 181
<212> DNA
<213> Homo sapiens

<400> 30827
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aaggccaaga aagaagagag aactctcamc acaacatttc aaagggaata cattgccaga 120
acttggaata ctctactgga caaacatttc ctccaaggac acagctctct gcctccacgt 180
c 181

<210> 30828
<211> 221
<212> DNA
<213> Homo sapiens

<400> 30828
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ttggaaactg gaagtaatga tacawttcac ttcagaagca cttgtaggtc tttactagt 120
ctaagtatta tggtaggcta tcattaaagt gtgccatctt ggataaaggc cttttgccta 180
ctctcttctg caattttgac acctcaatat tcacaccctc a 221

<210> 30829
<211> 246
<212> DNA
<213> Homo sapiens

<400> 30829
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ggtgggagcg gaagtacagg tagtgaaaga tgtctttgag gaatggtggt tagaatacaa 120
atthttgtaaa tgttttgggc tgagttgtgt aagatcaagg ggtggaaaga ttgtagaaag 180
ctttgaatgg tagcttaaga agccaggcag taggagaagg aagaggtggt ttagatggga 240
agcagt 246

<210> 30830
<211> 166
<212> DNA
<213> Homo sapiens

<400> 30830
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ggctgaggca ggagaatcgc ttgarcccggt gaagcagagg ttgctgtgag ccgagatcgc 120
accactgcac tccaacctgg gcgacagagc aagattctgt ctcaaa 166

<210> 30831
<211> 165
<212> DNA
<213> Homo sapiens

<400> 30831
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cccaaactgt attttccatt ttagttattg gcagctccat catttttgtt gttcaggtaa 120
aaatcttttg agtcattatt gatttctttc tctctcttag accca 165

<210> 30832
<211> 229
<212> DNA
<213> Homo sapiens

<400> 30832
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ctttttaagg ctggataatg ttccattgta catatatatg tatgtwtgta tcacattttg 120
tttatccatt tatcttcaat ggacacgtgg gttgcttcta cctttkgtct attgtgaatg 180
atgttgctat gaatatgggt gtacaaatat ctctttgggc tctgctttc 229

<210> 30833
<211> 215
<212> DNA
<213> Homo sapiens

<400> 30833
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ggaggtgtga tgcctttkag tttttcagat ttggagtata ttgtaaattt ttttaaactt 180
tggcaatttt atttcacatg attggtttgc taaga 215

<210> 30834
<211> 289
<212> DNA
<213> Homo sapiens

<400> 30834
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agtgtcttgg ccttgaaaga aaagcctgac ttctgtctga cacatgtggg aggggcatgg 180
cagctatgag gcacctccta cgtctgtttt ctggctgtgg tgacttgggm tttttaacct 240
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<210> 30835
<211> 50
<212> DNA
<213> Homo sapiens

<400> 30835
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<210> 30836
<211> 409
<212> DNA
<213> Homo sapiens

<400> 30836
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tggtgcttca atttaciaag actgtcraat ttvwmgtatt ctttgccaaa atgctagggg 180

gaacaatata	gctaagtcct	acttttcttct	tgtttcataa	tgtctcacag	takktctttt	240
wwcaaratag	aaatcttctg	tttattgtta	tgaattacag	taattttatta	gctcataata	300
atctgtctcta	caatctttgt	aatccaactg	nagagtgatt	dnnttggcca	tgaacgmgt	360
agtcttttaa	tatttgcttw	atttgcatag	tggttatgtg	tgtgtgtat		409

<210> 30837
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 <212> DNA
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ttcaggaaac	ccatctcacg	tgtagagaca	cacataggct	caaaataaaa	ggatggagga	180
agatctacca	agccaatgga	aaacaaaaaa	aggcaggggt	tgcaatccta	gtctctgata	240
aaacagactt	taaaccaaca	aagatcaaaa	gagacaaaga	aggccattac	ataatggtaa	300
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<210> 30838
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<400> 30838						
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<210> 30839
 <211> 343
 <212> DNA
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aggtgtcctg	tcatctgtgg	atagccacac	atagctctct	ccagagccac	gctttctatt	180
ctgtttttat	aaaagcacat	gcttttgtga	attttctgct	ccctcacttt	ccctctctgg	240
ccaggaggct	tctttacctc	tgtctgcaga	aatagccacc	agctctgccc	tgggaaactt	300
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<210> 30840
 <211> 358
 <212> DNA
 <213> Homo sapiens

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aacaaaaact	aaactattga	aaaaataaat	actattgaaa	ttgcttgttt	ggaggacagc	240
tactatatga	aacaatgtcc	agtgtagaat	ttggaaacct	aagatgatgt	ctcagcatat	300
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<210> 30841

<211> 402
 <212> DNA
 <213> Homo sapiens

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 ctgtttgtctg ggtctgtggc ctttctcttt ctctctgaac acaacctttt ctagaatctc 300
 cctaccctgt tgttccagga aaggcatctc cccttkctac tctaamcaga gggatatctg 360
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<210> 30842
 <211> 194
 <212> DNA
 <213> Homo sapiens

<400> 30842
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 aatagaccaa taacaggatc tgaaattgtg gcaataatca atagcttacc aaccaaaaag 180
 agtcaggac caga 194

<210> 30843
 <211> 203
 <212> DNA
 <213> Homo sapiens

<400> 30843
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 aagaccaacc ctaaagggaag ttcttgaacc agaaaggaaa catttaaaaa aaaaaagttt 180
 tgggatgtca ggaataacga tga 203

<210> 30844
 <211> 219
 <212> DNA
 <213> Homo sapiens

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 tttctatagg ttgttctcca aagaagtatg gaacgagtag agtccttttt tcagaaaaat 180
 aaatgccgtc tccctctcaa gccaaagtcta gtgggcagc 219

<210> 30845
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 30845
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acatgagggc taggctaaaa cagtaagggtc aagttgtttg gacagaaaagt ctacagggcg 180
 cagtcccggc tcttgtgtga gaactccgac cgcacagccc tgcacttcgg ctgtatgtaa 240
 tgaaaaggga gtgatgagtt agggagagcc agtgtgggag cagcttttag ggctgttttt 300
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<210> 30846
 <211> 55
 <212> DNA
 <213> Homo sapiens

<400> 30846
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<210> 30847
 <211> 106
 <212> DNA
 <213> Homo sapiens

<400> 30847
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 ccttttgggt atcgcacagc agcttttatg aattaaaaaa aaaaaa 106

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 <211> 221
 <212> DNA
 <213> Homo sapiens

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 actaatttta ttttatttta ttttattttt ttgtccgggg c 221

<210> 30849
 <211> 344
 <212> DNA
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<400> 30849
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 aaataaacag tgtccaacca cbgtataggt caagaaacaa tgttactgta aggtcagcca 180
 agagaaaggw tgaggagacc caaagtcagg caagcaagct ttattgagct gcttggctgc 240
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<210> 30850
 <211> 444
 <212> DNA
 <213> Homo sapiens

<400> 30850
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attcagccaa	actgttccat	ctgagataaa	ataacatggt	cagacatcca	gagtctcaaa	180
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aataaaaacty	nggaaccagg	gtataggaga	attgacatga	aagagagatg	aggacagttc	300
ctgaagtgat	ggagaaggga	agtcttwtga	tgrcagctgt	gtagtcaaac	cagagcataa	360
accagctatt	nnnggggraat	agaaagctcc	aggaaggcta	cctcctggta	aagaatgrtt	420
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<210> 30851

<211> 276

<212> DNA

<213> Homo sapiens

<400> 30851

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aattgctaca	gtaattcaag	agacagccct	gtctggacac	agagttactg	tggattttta	180
agagactcag	ttaaagaatt	taggaatttc	tgattcattt	aaaggattta	caaattcatc	240
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<210> 30852

<211> 349

<212> DNA

<213> Homo sapiens

<400> 30852

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agcaggaaaag	atctcagatc	aacaccctaa	tatcacaatt	aacagaacta	gagaagcaag	180
agcaaaacaaa	ttcaaaaagct	agcagacaac	aagaaataac	tawcnagaac	tgaaggagat	240
agagacatga	aaaacccttt	taaaaagtta	atgaatccag	gagctgggtt	tttgaaaaga	300
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<210> 30853

<211> 359

<212> DNA

<213> Homo sapiens

<400> 30853

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gcaactgcagg	aggccattat	gcaaagctct	agaagatgca	aattaaccta	cagtgaactga	180
aggcagaaaag	aaaacaaaaa	gcagcccaag	gcgaaaaagt	cgatcctgtg	ccctgagcat	240
aggcagtcct	gagggtgcgag	cggtttccca	ccaggctctt	cttggccttt	cgagaacttc	300
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<210> 30854

<211> 131

<212> DNA

<213> Homo sapiens

<400> 30854

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tcatgagcac	t					131

<210> 30855
 <211> 179
 <212> DNA
 <213> Homo sapiens

<400> 30855
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<210> 30856
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 <212> DNA
 <213> Homo sapiens

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 aagggtatt ttttaagtga gtggtttgaa gaacaaacca gaagcgcaca aacctttgtg 240
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 cgtaaaaata gtgttgggca gacttacata gtacatct 338

<210> 30857
 <211> 242
 <212> DNA
 <213> Homo sapiens

<400> 30857
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 tgtactcact tacatgtaat atctaattgt atttgtacag aactaaaata catnaattca 180
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<210> 30858
 <211> 181
 <212> DNA
 <213> Homo sapiens

<400> 30858
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 gaaatcctaa attttcaaaa gtgagtcctga taaccaatca gtaatagaaa aaggttgggc 180
 g 181

<210> 30859
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 <212> DNA
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<400> 30859
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acaagactac	atggaaggca	actgaagcct	cctaagtgac	agccagccad	dtattacaca		240
tatattgagg	acatcttaga	tcatccaatt	gccagctgac	cccagctgat	tgcaaatgca		300
agawagaaca	cagccaagcc	agctcacaac	agaagaacct	cccagctggc	ccacagaaaa		360
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<210> 30860

<211> 256

<212> DNA

<213> Homo sapiens

<400> 30860

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gagtacatat	actcatgcc	ctcctccgta	tctgaggacc	cttaggataa	aatccagagt	180
ccttcctgtg	gcctcccatg	ccctgtgtga	tccacctct	gatgcacccc	tctgctgcct	240
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<210> 30861

<211> 367

<212> DNA

<213> Homo sapiens

<400> 30861

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tccaaaaatg	acataatttg	tcttattttg	tataaaaatt	atataggaag	tgttgtcaaa	180
tatgaaatgg	tgtttggtt	tctttgggct	gtgtttgtat	aaatatgtta	ttggtatgtg	240
ttcccaaattc	ataggaaact	tctataattc	tgatatgact	tagtgtacat	tatcagtaat	300
aattataatt	attatgttaa	abnatcgtgt	gccacrgagg	taacaaattt	tcttgtcaat	360
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<210> 30862

<211> 59

<212> DNA

<213> Homo sapiens

<400> 30862

catttctctaa	acaatgtatt	gtgacagtaa	atatgcccaa	gtcaccagc	atattttta	59
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<210> 30863

<211> 356

<212> DNA

<213> Homo sapiens

<400> 30863

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actcttggtg	gggacaagag	tgaattttact	ttaaatacca	atccactgac	taatcccaag	180
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tactgtaagt	ttccttcaaa	acaaccctcg	ttgctgttgc	agaaatcata	ggctgtgacg	300
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<210> 30864
<211> 251
<212> DNA
<213> Homo sapiens

<400> 30864
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tgcctcagcc tccggagtag ctgctgggac tgcaggaacg tgcaccatg cctggctcaa 180
acacaaagtt ttttcataaa actcacttgg cggcaaaatt ctaccttacc tgaagttatt 240
tacggggtgc a 251

<210> 30865
<211> 330
<212> DNA
<213> Homo sapiens

<400> 30865
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tcgagtgaag mmgggttggga gcaaggacct ttggcaagtg ctataatatc aagacattac 240
attatataag gtctaagaat ttacaatggt ttaggcaaga gaaactttaa aggtaaccct 300
gactaamatg attttcaaat gaatgatgga 330

<210> 30866
<211> 130
<212> DNA
<213> Homo sapiens

<400> 30866
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acgggacacc 130

<210> 30867
<211> 306
<212> DNA
<213> Homo sapiens

<400> 30867
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tacaca 306

<210> 30868
<211> 300
<212> DNA
<213> Homo sapiens

<400> 30868

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agcctcccga	gtagctggga	ttacaggcac	ccaccaccat	gcccagctaa	tttttgcatc	180
tttagtagag	atgggtttca	ccatgttggc	taggctgggt	ttgaactcct	gacctcaggt	240
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<210> 30869
 <211> 102
 <212> DNA
 <213> Homo sapiens

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<210> 30870
 <211> 200
 <212> DNA
 <213> Homo sapiens

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tatgttgatt	atgactgaat	grgtgaatta	agttaatagt	ttacttggat	caacaaaatg	120
aaattatctt	cataaatgct	tgattaaaat	gagtaaagca	aatgcattca	ccataactan	180
dttaaattat	aaccagatg					200

<210> 30871
 <211> 276
 <212> DNA
 <213> Homo sapiens

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cgttatgatt	tgattaatgc	tacctcataa	cctaaaagtg	ttaagcattc	aaaaatgcat	180
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tcttattacc	tagcgattac	agcatgatac	cccccc			276

<210> 30872
 <211> 118
 <212> DNA
 <213> Homo sapiens

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<210> 30873
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 <212> DNA
 <213> Homo sapiens

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aattagttac	ttctatTTTT	actTTTTTTTT	ttggagmcag	agtcttgCyc	tgTTgcccag	120
gctggagtgc	aatggtgtga	tcacagctca	ctgcagcctt	gacctcctgg	acccaagtga	180
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 <211> 313
 <212> DNA
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aataagatgc	cactattgta	tttgaaccgg	gctgcttgcc	acctaaaact	aaaaaactta	180
cacaaggcta	ttgaagattc	ttctaaggaa	ttctgttctc	ttgagggcat	tgaatgtcag	240
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gcctgaagca	agt					313

<210> 30875
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 <212> DNA
 <213> Homo sapiens

<400> 30875						
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<210> 30876
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 <212> DNA
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 <212> DNA
 <213> Homo sapiens

<400> 30877						
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<210> 30878
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 <212> DNA
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<400> 30878
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<210> 30879
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 <212> DNA
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 <211> 321
 <212> DNA
 <213> Homo sapiens

<400> 30880
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 <211> 380
 <212> DNA
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agatttagtgc	attcttagaa	ctttaatgtc	atgttaattg	aatgttaatc	caatgacttt	180
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<400> 30886

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<213> Homo sapiens

<400> 30887
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<210> 30888
<211> 370
<212> DNA
<213> Homo sapiens

<400> 30888
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atgttttctt ttttaattgga tccttatcag agtactccca atcagatkst tctccagttt 180
agagttttcc cccaagagat tcagctcatc caagaaaaag gtgagaaggt cctaggcagt 240
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tctgggtgct tttgacagac agtgggacga cctccccamc ccagtactgc tgacacagtg 360
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<210> 30889
<211> 185
<212> DNA
<213> Homo sapiens

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gcagcatctt cctaattgtt taaattgtya ttaaattttc cctccaaagg aatcttaagt 120
cactttaaga aaatcaacat gtgctgcata ttttgagaa aataattttt aaatgtccgg 180
cagca 185

<210> 30890
<211> 385
<212> DNA
<213> Homo sapiens

<400> 30890
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gcctcagcta gtatatgtga atggctgaca gagccgtttg tgaaatccct caattccatc 240
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<210> 30891
<211> 120
<212> DNA
<213> Homo sapiens

<400> 30891
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<210> 30892
<211> 204
<212> DNA
<213> Homo sapiens

<400> 30892
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atgcatacaa tagaaaacta ggcagcttca aaaatactta tatatgtaa tgtacagttg 180
ttcttcaacta tttatggatt ccat 204

<210> 30893
<211> 393
<212> DNA
<213> Homo sapiens

<400> 30893
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gtttttggag gcagagtcag taggtctggt gatggattat atgtgggtgt gacagtaggg 180
aagggccgag gaggaaagcc acgcttgga catgagcagt catgagtttt gtgggaatgg 240
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<210> 30894
<211> 162
<212> DNA
<213> Homo sapiens

<400> 30894
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cctcgcaatc ccgcggcgcc agggctcgtt ttgggggagc ggagcctgta cgcagccacc 120
gttagggta ctcggctctg atctaggtcc catccgcctc ct 162

<210> 30895
<211> 66
<212> DNA
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<400> 30895
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cttctt 66

<210> 30896
<211> 159
<212> DNA
<213> Homo sapiens

<400> 30896
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 gattacaggc gtgascaccg tgcccaatga aaacctbtat tttcgtgatg gctgcttatt 120
 tttttattta tttatttatt tttttttctt tccctgccc 159

<210> 30897
 <211> 352
 <212> DNA
 <213> Homo sapiens

<400> 30897
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 accacaccca gctaattttg tttttttagt agagatgggg tttcaccatg ttggtcaggc 180
 tgggtctgaa ctccctgacct caggtgatct gccacacctg gcctcccaaa gtgctggggg 240
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<210> 30898
 <211> 281
 <212> DNA
 <213> Homo sapiens

<400> 30898
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 tttttttact ttttttttga gatggagtct cactctgtca cccaggctgg agtgtgggtg 180
 cgcgatcttg gctcactgca acccccgcct tcgggttcaa gtgattctcg tacctcagcc 240
 tcccaagtag ctgaaactgc aagcatgcac caccacaccg c 281

<210> 30899
 <211> 407
 <212> DNA
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<400> 30899
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 ggtttcagggt aaatgtttgt ggggtttttt ttccctacat gaataagttt ggttttgatt 180
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 cttggggcct ccagcgagggt ttccagagca ttccatggta tgagagacag tgaggaggga 360
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<210> 30900
 <211> 384
 <212> DNA
 <213> Homo sapiens

<400> 30900
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 cctaagtatc caatggcaga tgaatggata aagaaaaatgt ggtattttata tataatggag 180
 tactattcac ccataaaaaa agaatgaggt cctgtcatct ccaacatgga tggaactgga 240

ggtcattatg ctaagtgata ttagccaggc acagaaaggc aaacatcgca tgttctcact 300
taactgtggg atcgaaaaat caaaacaatt caactcatgg agacagacag tagaaggatg 360
gttaccagag gctgggaagg atgc 384

<210> 30901
<211> 127
<212> DNA
<213> Homo sapiens

<400> 30901
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ttggtgtcac attgagacaa agtgggtctca gtcagtcttg gggtcctttg cgcaagatgc 120
cccctat 127

<210> 30902
<211> 423
<212> DNA
<213> Homo sapiens

<400> 30902
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agcagaggag tgatgtctca tgtaaagatt ttaacaaggc cattctggct gctatgctga 180
gaaaaatcga aggatgggca agaattggaat ctaggaaact agtcatggac tattgcaata 240
gtctaggcaa gagataatgt tggctcgaat caagatatta gcagtgggaag tagtgggaag 300
tttttatatg ctgcataatc tttgaaggta gagccagcag gactactggg gacaaatata 360
cagtgtgggt aggagrkgag agtcaagtac ctgagcaatt gaaaggggat agagtgtgctt 420
cta 423

<210> 30903
<211> 417
<212> DNA
<213> Homo sapiens

<400> 30903
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caggagtgtg agaccagcct gggcaacatg actgggaagc gtcactgagg tccttcaagg 180
agcaagcgag gccaggcaca gattccaggg acaccgctaa agcacatctt tctcagcatt 240
gccagaagag aaatccgtgg cgcaaatacg gtgtcatgtg accatttggc ttcagttgac 300
tggaccagct actgtcatcc atgcctggaa agtcatccac aggctggcca gaagcccatg 360
ragtgacctg gtacaaaagc tttgctcaaa aggrrcatgc tctagctgaa tgtagtt 417

<210> 30904
<211> 434
<212> DNA
<213> Homo sapiens

<400> 30904
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ctggatcatg agtgtgacag ctggagctcc tgcagcccat ctgtggagca caaggtgaca 120
gtgaaaatgg aagtcatacg ttatggagggt tgaagcagaa aaagagaggg atcccaggat 180
cctgaagatt ctgtggaact gccatagcag cctggactgc ccattacctc ctgatttcca 240
tttcttgaat gtgagagaat taacccttgc ctgtttaagc cactgtagca gtctcttata 300

gcaactgaac acaattcctt actgatatag aggccctgag aagaatgaag aatttgaagt 360
 ggtaaatggg gaacggttta attttgggta atgcacacga atccggaagt gacgccagaa 420
 gaagaggaag tgaa 434

<210> 30905
 <211> 375
 <212> DNA
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<400> 30905
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 cggaagtggg ctgtcatctt gcttcccggg cactgtgctc tctgttttc katcagcttc 180
 tctagccact cttccctgt cttctttgct gattcctcct ctgttccttg gggctgatcc 240
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 catagcatcc atgtgttggg gactcacaaa tttttttgag cccagacatg tcccatgtgt 360
 tccaactcga ggttc 375

<210> 30906
 <211> 58
 <212> DNA
 <213> Homo sapiens

<400> 30906
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<210> 30907
 <211> 150
 <212> DNA
 <213> Homo sapiens

<400> 30907
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 cccagctcat tgatggctga ttaatgaatg agaataaaac tgagaatata tagaaacata 120
 gatagaagta aaagtgattt agagacctcc 150

<210> 30908
 <211> 291
 <212> DNA
 <213> Homo sapiens

<400> 30908
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 ttgttgcatc tccagtttcc aataccaact cacctacaaa gattttacca aaaaccttag 120
 gaccaataaa tgtgaatgtt ggaccccaaa tgattataag caccacagag actaaccagt 180
 tcaggaagtg ttctgattgg gagtccatat acccctgcac cagcaatggg tactcagaca 240
 cacatagcag aagctactgg ctgggtccct ggtgatagaa aacgggctga t 291

<210> 30909
 <211> 332
 <212> DNA
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<400> 30909

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accctggaag	acaaccttgg	caataccatc	tgggacacag	gaacaggtaa	agatttcatg	120
acaaagacac	acaaaaagca	atggcaacaa	aagcaaacat	tgacaagtga	gatctaatta	180
aacttaagag	cttctccaca	gcaaaaagaaa	ctataaacag	agtaaacagc	ctacagaatg	240
ggaaaaaata	tttgcaaact	atgcatctga	caaaagtcta	atatctagca	tctataagga	300
ccttaaattt	acaagagaaa	ccccccccc	cc			332

<210> 30910
 <211> 129
 <212> DNA
 <213> Homo sapiens

<400> 30910	
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ttttttttt	

<210> 30911
 <211> 377
 <212> DNA
 <213> Homo sapiens

<400> 30911	
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cggaaggatc	cgttcaggcc
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agctatgatc	ccatcacagc
taaactatcc	aaatgcc

<210> 30912
 <211> 357
 <212> DNA
 <213> Homo sapiens

<400> 30912	
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cattgattct	tctaggatat
gaaagacttt	tttttttaat
tacaccaaca	atcaaattaa
aaagctgagt	tgagattgat
ttagctccca	catagcaacc

<210> 30913
 <211> 265
 <212> DNA
 <213> Homo sapiens

<400> 30913	
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aaaataaaaac tttaatgggg attta

265

<210> 30914

<211> 289

<212> DNA

<213> Homo sapiens

<400> 30914

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gtagttctat	tttaagcaga	agtaattcat	gcactgcatg	atttttatca	tccctgtccc	180
taagaactat	gtgcttatag	caccaccag	tcattttaac	aattaaaacc	actctgccac	240
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<210> 30915

<211> 313

<212> DNA

<213> Homo sapiens

<400> 30915

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tatcctagta	actgtcatga	atatckctwt	atgtaattat	ttcagcaaag	cgtgctttca	120
agcacatgag	aaagatacat	caattaatga	ctcatgtcct	aagtataact	aataaattat	180
attttaactt	aaaatttttt	tctattttaaa	aagtttttga	gaaaaaatct	cagattacaa	240
agcataactg	cagaaatacc	aatagtaact	ctaagaatgc	aactgtcaga	atatagacac	300
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<210> 30916

<211> 381

<212> DNA

<213> Homo sapiens

<400> 30916

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tgtatatattg	ttatgtttta	tcttcttggt	ttattgggtg	tggagagggtg	tgtaaaaaa	120
cttctgaaat	agttgtgaat	ttgttcattt	atccatgtat	ttctgttaat	gtttgctgca	180
taaatataac	accgagggaa	cacaaattgg	gaattgttat	atatttggtta	ttatgaaata	240
cgcttatttc	taagattttg	ttttgttttt	aatacaatct	aattcttttt	tctgttgatt	300
ggaacatgta	ttacctttac	attcaatgaa	agtaataatt	tatttttggtt	tgaattcatc	360
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<210> 30917

<211> 359

<212> DNA

<213> Homo sapiens

<400> 30917

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ttgtcaaaat	tactgtgtaa	gtgtgectat	gagatttttg	ctcgatttgc	ttctgcgtea	180
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tggcttgcc	ttcaaactca	gttctctgat	agatctcaga	aaaatcattg	atttccagtt	300
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<210> 30918
 <211> 434
 <212> DNA
 <213> Homo sapiens

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 tgaagatgag tgtacaaata actcttcaag acctgttttt aattctttgg gtatatatgc 180
 cgaagtgggg ttgctggatt attttgtctc gtcgtggttt aaacttaggg tttcctgcta 240
 agtagtgatg ttgggcatct ttttatgtgc atatttttca tttgtatttc tcctttgata 300
 aagtgtcttg ttcaaatac ttctcaattt ttgagttttg tttattattg aattttcaga 360
 gtcctttata tgctctagat gcaaatacctt tataagatag atactttgca aatatattcy 420
 ccagtctgtg gctt 434

<210> 30919
 <211> 121
 <212> DNA
 <213> Homo sapiens

<400> 30919
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 atgggtggct ttcttcccat gacttgcttt aatggttggt ttccttctgt gtgtcagcgt 120
 c 121

<210> 30920
 <211> 150
 <212> DNA
 <213> Homo sapiens

<400> 30920
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 tactaatcta tcagcagtga acacaaatgc 150

<210> 30921
 <211> 285
 <212> DNA
 <213> Homo sapiens

<400> 30921
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 cacttagagg cttaagaatc ttcccgtagg atatatggaa ggtaaacctt tgtgactctt 240
 ttcgtagcaa tatctgcgta tcttcattaa tctgatacctg agacc 285

<210> 30922
 <211> 305
 <212> DNA
 <213> Homo sapiens

<400> 30922
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gtmaagtcta	ttgctcaasg	tcatgtggct	agamtatggc	agagccatga	ttcagatcca	180
ggctcttctga	ttcttattcc	agtgtccttt	ctagcatacc	atggtgcctc	taaagattgc	240
agctccttat	ttactagaaa	attgttcctg	cccaatctac	atctccacct	caccccatct	300
tttct						305

<210> 30923
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 <212> DNA
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<400> 30923						
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tgagagaata	tgccccacca	cgaaactcag	cccagtagac	accatcctgg	tagcggcttc	180
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accagcctcc	ccgctgggtac	agggcacagt	tacctgaggg	gagagagaga	gtccatgtcc	300
tctcaccaga	ataaaagcct	ctacctgcac	ctcacagtgc	aaggcttttg	ccaggcatcc	360
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<210> 30924
 <211> 208
 <212> DNA
 <213> Homo sapiens

<400> 30924						
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atcaggwgaa	gacccctgtg	aagccccaag	gccagtaact	aggtgctggt	acccagggcc	180
gcagcactgg	ctgctctctc	acccagct				208

<210> 30925
 <211> 189
 <212> DNA
 <213> Homo sapiens

<400> 30925						
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gctgttccca	ggcttttttc	aaagcaagtg	gatctgagcg	ggacaaaagg	tgaaggcagg	180
ggacagctc						189

<210> 30926
 <211> 146
 <212> DNA
 <213> Homo sapiens

<400> 30926						
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caatgtcaaa	taaaagagaa	cgaacaggta	gtttgggtgga	gctgagctag	tgtacaatac	120
actagttgta	aaaaaaaaaa	aaaaaa				146

<210> 30927
 <211> 338

<212> DNA
<213> Homo sapiens

<400> 30927
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wwtaaacrta cctaccattg attctttvdg aaatctctgr cacaggtgta aatcttctgc 180
cattgkgwt aaacaaggca attaatctgt ccattttctk wtctttcatk tcttttcct 240
gtgaagacat ctctcctgga gcttgccatt ctccaccgtg gatagggtgc tttcaaggat 300
aggtgtataw gctgtcatca tgagaactcc cttcakca 338

<210> 30928
<211> 136
<212> DNA
<213> Homo sapiens

<400> 30928
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tttaaatgtt ttatttatag aagactattt atttattttt ttactatcct gcndttttar 120
ggttttacac acgcat 136

<210> 30929
<211> 191
<212> DNA
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<400> 30929
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caagaccccg t 191

<210> 30930
<211> 295
<212> DNA
<213> Homo sapiens

<400> 30930
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gagcaacata acaagactcc atgtctaaaa aaacattagt tgggcgtggg ggtacamaac 120
tggtaatctt agctactctg gaggctgagg cacggggatc acttgagcct aggaggtcaa 180
gactgcagtg agttatgatt gtgctatagc actccagtct gggtgacata gtgagatcct 240
agctctaatt aaataaatta agtcaataaa caaataaaaa cacgaaatga agcca 295

<210> 30931
<211> 369
<212> DNA
<213> Homo sapiens

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ctttaaagta atgaaaagta gttctataaa ggcaaattgg aaagcbatct ctgccttttt 180
tactcctgta cctccctact taacaagtta agaagttcat tagactcatt tttgtaaata 240

ctgtataatg agcctaattg tcacacaatt ttaggaaatg aagagactat aaaggatcatg 300
 gattccagct cctcttacag atgaatgaag ctgatgctga gagaagctaa gctgcttggt 360
 taagagcat 369

<210> 30932
 <211> 274
 <212> DNA
 <213> Homo sapiens

<400> 30932
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 aaaattagct gatgtggtgg tgcaggccta tagtctcagc tactcgggag actgaggcag 180
 aagaattgct tgaacccagg aggcggaggt tgcagtgagc cgagatcaaa cactgcact 240
 ccagcctggg caacagagcg aaactccatc tcac 274

<210> 30933
 <211> 240
 <212> DNA
 <213> Homo sapiens

<400> 30933
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 tctgtcacc aggtctggagt gcagtggcgc catctcggct cactgcaaga tctgcctccc 180
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<210> 30934
 <211> 58
 <212> DNA
 <213> Homo sapiens

<400> 30934
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<210> 30935
 <211> 244
 <212> DNA
 <213> Homo sapiens

<400> 30935
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 cagcacaatc ctagcaaaca ttgtaaatgc cttggcaagc gtgcctaagt tctatgtaca 180
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 accc 244

<210> 30936
 <211> 281
 <212> DNA
 <213> Homo sapiens

<400> 30936
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tgcaatgacc aggcagaaag atattttaag gtgtaattat tctaanggaa gatgagaaaa 120
aattcatctg ctacagattc aactgncctt taaatgcctc ccttgatcatg gagtaaatga 180
ctactcaaaa ggatttcaca aaagacttaa atctcaccct tagcaatcaa ccggtcggcc 240
acagctcaga tgccctcatta gcaaaatgaa attgcacaac c 281

<210> 30937
<211> 344
<212> DNA
<213> Homo sapiens

<400> 30937
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ataaagtatt tttaaagtat tccttttagat gataccctcc ttatacaaaa actttattga 180
gagtagttat aaatgctgaa ttgatggtag ctggactccg caggtaattt ttcacattgt 240
tatctttggg gagtgaacaa aatcaattat taaaaattta acttaaaatt atattttttg 300
tgcttcaaag accatcatca aaaagtaaaa agttagtga ccaa 344

<210> 30938
<211> 330
<212> DNA
<213> Homo sapiens

<400> 30938
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cccaccctg acatgtgggg mtaattacaa ttcaagggtga gatttgggtg ggaacacagc 120
caaaccacat cactccttca atttttttct ggtagatagt gaaggtcagc acctgtggga 180
aaggatgaaa aatgggtctg aagaagcaaa tggaagaact cagcagagca ggagatgtga 240
atgctcacag agatacagct agagaccagc atgaatggtg gaagtctctt ggtagagtct 300
tgcaagttgg gaagagaaat cacacatggt 330

<210> 30939
<211> 53
<212> DNA
<213> Homo sapiens

<400> 30939
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<210> 30940
<211> 120
<212> DNA
<213> Homo sapiens

<400> 30940
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ttttcatagg gcttttgtga agattaattt gggtaggtaa gtagagtaga taggcagccc 120

<210> 30941
<211> 358
<212> DNA
<213> Homo sapiens

<400> 30941

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gacagaaaga	ccaactcgtc	ctcttcctcc	ttagcctact	bdgctgaag	acagtcagga	180
tgaagacctt	tattatgact	gatctccaaa	aagattggct	tcagtatttc	atggagtgtc	240
atgaattaga	atcctgagtc	tctatattgt	taattatttt	agtctcttgg	tctacgtgtg	300
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<210> 30942
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 <212> DNA
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<400> 30942						
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ggactacagg	tacctgccac	catgcccggc	taattttttg	tatatattag	agagaagggg	180
tttcaccatg	ttagccagga	tgggtctgat	ctcctgacct	cgtgatcngc	ctgcctcgcc	240
tcccaaagtg	ctagcattac	aggcatgagt	caccacgcct	ggccagtagt	gattttttta	300
agcacatagg	gtatgcaaag	atcagctgcc	atacagagac	catatgaatt	gtcatccaag	360
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<210> 30943
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 <212> DNA
 <213> Homo sapiens

<400> 30943						
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ttcgctctg	cctggatgcc	tgtagaaatt	tattctttta	acatgtaacc	trvattattg	180
tttacattaa	gttttctttc	agctcaatga	tttttttctt	tatatatttg	tgattttctg	240
gttttcactt	ttctgcttct	tataaattgc	ctattttctg	actcat		286

<210> 30944
 <211> 146
 <212> DNA
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<400> 30944						
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ctggctccca	gagccctcca	aaacaaaagc	cagagaagca	ctctccaccc	agcagncaga	120
cgcstccttc	ttgacgcaa	ccccca				146

<210> 30945
 <211> 77
 <212> DNA
 <213> Homo sapiens

<400> 30945						
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ctccagcctg	ggcgaca					77

<210> 30946
 <211> 336

<212> DNA
<213> Homo sapiens

<400> 30946
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ctagtattaa taacaatggt aggtaacatt actgaatggt tactgagtgc caggtaatgt 120
tctaattgct ttacatgtat taggctatgt attcctcaca tgaaccatat gaaagagata 180
ctcttattgt tgtcatttta gaagtgaaga aactgaggca cagaaaactt aagtaattag 240
tccaattcat acaggtagta tatggtagaa ctgaagcagt tgggccccag gtcttttttt 300
ttctttcttt ttctttctgcc gccgrctcct ccaacc 336

<210> 30947
<211> 219
<212> DNA
<213> Homo sapiens

<400> 30947
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tattctaagt tttttttagg gcyagaatth gcgggtggaga aaggggctgg ggaagagaaa 120
gacgatcagg agtgggtctct gaaaagtatt gggcctcaaaa ggcagtgtct gtaaagggta 180
gtgtgggaga agagagcgac ttgtagctat ttttttttt 219

<210> 30948
<211> 271
<212> DNA
<213> Homo sapiens

<400> 30948
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ctctgtaaaag tggagggtttt ggcatgagct gtttaacttg gccaaagctag gctgtcaacc 120
agacaactca gtccttttcat gttaaattttt gggcaagaga agtctgcttt gactgccttg 180
cctgaccaa ttaaataaat agttgccaga tctctacttt tatectgcat gggataatat 240
atctgtaaaat gcatgagttt ggaaaccacc c 271

<210> 30949
<211> 350
<212> DNA
<213> Homo sapiens

<400> 30949
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aatgggtgtga tctcagctca ctgcacttcg cctcctgggt tcaagcgatt ctctgcctc 120
ggcctcccaa gtggctggga ttacaggcac ccgccaccat gcctggctaa ttttttgtat 180
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gatctgccc cctcggcctc ccaaagtgtt gggattacaa gcgtgaccac cgcgtccggg 300
ctgcttaagt attttctata tgatagraag taaaaatgct ctgagagtaa 350

<210> 30950
<211> 373
<212> DNA
<213> Homo sapiens

<400> 30950
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cctcatacct	tccaaatcaa	aaaataat	ccctagtatt	ttaattactc	ccccaaatca	180
ggaataactt	cctcactgtg	ctgatttttg	ttctttttaa	ataagggtgg	aatttgaagg	240
taatagttaa	accagtcata	gattattcta	tgccattctt	ttcaaatacag	cccactcagg	300
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tcacccccca	cca					373

<210> 30951
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 <212> DNA
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<400> 30951	
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tcttaaaaac	gagcatc
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	120
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<210> 30952
 <211> 436
 <212> DNA
 <213> Homo sapiens

<400> 30952	
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ctcagtgatc	tttaagatac
cacagaaaag	cagttcagaa
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atttatcaaa	taaacttagc
aaagagggtg	aaataataaa
aagaaatcaa	gcagaaatct
	120
tagaacggag	aaatatgttt
gcagagctga	agaattcctt
agaggctttc	caaagaagaa
	180
tggatcaagc	agaggtaaga
atcattgagc	ctaaagatag
gctatttgaa	aatacataaa
	240
ggagaaaaaa	atcttttaaa
aatgagaatc	aacaaagatt
gcctacaaga	tacagaaaat
	300
tacctcaaaa	gaccaaaatt
gccaaatgag	ttggctcatg
cctgtaatcc	cagcaccttg
	360
ggaggctgaa	gcaggaggat
cacttgaagg	caggagtctg
agactagcct	gggcacatag
	420
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	436

<210> 30953
 <211> 171
 <212> DNA
 <213> Homo sapiens

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	60
tttcttgatc	ccctgctctg
ggttgggtgc	aggccagggg
gctaggggta	cagagatgag
	120
ggaagggcct	agtttgcctt
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gaggcagggt	t
	171

<210> 30954
 <211> 433
 <212> DNA
 <213> Homo sapiens

<400> 30954	
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tgagaattac	caagatgtga
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cacagagaca	tgaaatgagc
acatgctttt	ggaaaaatag
cgccaataga	tttgctcaac
	120
acagcattgc	tgacagacct
caatttgtaa	aaaatgcagt
aactgcaaag	tgcaataaaa
	180
tgaagcacia	tagcgcagag
caagataaag	caaagtatga
ctgtagctgg	taaaaaactgg
	240
cgtgagaaga	tgaccctggc
atattctata	catttcttgc
ctcaaaaactg	gaatcaggca
	300
ttcctccaga	gatccctgac
ttcttttggg	agtggggtgt
aggcaatgct	attagaaact
	360

ataatctgga tactagaggt actcgttgta agtttacatt gttcatagtg taatcacctg 420
acagcttctt ccc 433

<210> 30955
<211> 227
<212> DNA
<213> Homo sapiens

<400> 30955
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aaaaaaattg gaaacgccat gtagtaatgc ctgagatagt cgatgggttct taccacctca 120
ctaattttta tgcagtatga aatgctcatt ctattgccca actgggtgctc tctgttttaa 180
gttacagatc ttgcgaaact ggaactatct tataagctga ggaagtg 227

<210> 30956
<211> 243
<212> DNA
<213> Homo sapiens

<400> 30956
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tttcaaagcc tcggattgtt tatcttgcaa ggagagaagg ggcctcttct ccacagatgc 120
agctcaaatt agcaaaactg aactgtagag ttccaggcct ttcccttctt taaaatgctg 180
atagatttct agaccagact ttgatattta ttggcttctt ggtcttgctg tttaaacaca 240
ccc 243

<210> 30957
<211> 182
<212> DNA
<213> Homo sapiens

<400> 30957
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tctcccacta ttttatatct ttgttacttc aagtaagaca atcttaaata tgagaggaca 180
ac 182

<210> 30958
<211> 286
<212> DNA
<213> Homo sapiens

<400> 30958
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tccatctagc ataggggtctc tcagggttgg tgcattccagc cacatgggca gggccagtca 120
catctagtct atgtccccag tgcccttgga gttgcgcast tagctgactt gactccaagg 180
aaattagtag agaagtaacc actctattaa gtgtgttctg ctatgttcac atgcctgtag 240
tacctgcaaa ccatgccagg ttcatctaaa gacatagggg aagcta 286

<210> 30959
<211> 388
<212> DNA
<213> Homo sapiens

<400> 30959
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 attaaaagat ggagccttta ggaggggatc aaggtytcga gggctccatc ctcataaata 120
 ggattagtgc ccttatcaaa gaggccagca ggaacttgct cctcccttcg aggtgggagg 180
 cggggctgga ctctggagct gggctcagac accagaccaa aatgaggact agataaaaaca 240
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 tattgtccca acaacactca ggagttaccg cccctttccg tggcagtgay cccacgaccc 360
 agaagttcct amccttgtcc tagaaatt 388

<210> 30960
 <211> 123
 <212> DNA
 <213> Homo sapiens

<400> 30960
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 cca 123

<210> 30961
 <211> 219
 <212> DNA
 <213> Homo sapiens

<400> 30961
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 gcttggttgct ggaaacaagc atgaccaaaa acaaggagt atagctgaca acctgacaga 180
 aaagaaacaa gaaaatatat gaagtataca taagacctc 219

<210> 30962
 <211> 129
 <212> DNA
 <213> Homo sapiens

<400> 30962
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 tccaatagca ttttaataat aattgggttg taataataaa taaaactttg tttaatatta 120
 aggaaagaa 129

<210> 30963
 <211> 371
 <212> DNA
 <213> Homo sapiens

<400> 30963
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 tgtgcacttt aggttcacta gagtgtctaa gttgtcccag gatgagttag cgtgaatatg 180
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 gctgggatag gttccagcca ccagagaccc tgaactggaa taattgtgta aataattatt 300
 ctaacttggt ttnatgagtc ttttttaaat gtatgtatta cataactcac atttatgtct 360
 gtdtaatat a 371

<210> 30964
 <211> 346
 <212> DNA
 <213> Homo sapiens

<400> 30964
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 ggaggccact tggagagtcc ggccccgagg aggccatggc cacaagtgcc cacagctggc 180
 cccaggcggg gtggagcgga gctgctggga ggctgctgga taggagaggg gtcacggctg 240
 cggaagagga ggttcttcgg gacaccgtgg atggacacgg caaggaaaca ccaggccaac 300
 cacagctggg gataaaatag cacaaccaca mcctgccgctc cagacg 346

<210> 30965
 <211> 151
 <212> DNA
 <213> Homo sapiens

<400> 30965
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 ctttgggagg ctgcggccag ccggggctga cttgttatgt tgggctccgg aggccgttaa 120
 gagccgagag agacatgagg tgtctctgaa g 151

<210> 30966
 <211> 168
 <212> DNA
 <213> Homo sapiens

<400> 30966
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 acttctcttt ctattcataa gacactttct tttttttttt tttttttt 168

<210> 30967
 <211> 209
 <212> DNA
 <213> Homo sapiens

<400> 30967
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 cctcaggtga tccagtaacc tcggcctccc agcgtgctgg gattatagga gagagacacc 120
 gtgcccagcc cactttcttt ttcctttacc ccactgatca ctctagttct cttactgac 180
 ctcttgcta acctccattt ttttttttt 209

<210> 30968
 <211> 89
 <212> DNA
 <213> Homo sapiens

<400> 30968
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 tccgccttct gcatcgcggc ttcggcggc 89

<210> 30969

<211> 344
<212> DNA
<213> Homo sapiens

<400> 30969
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catttgatct cataatttat tcttttaatt agtaagctta gattatttct acttagttat 120
tgatgtttgg atttaaagt accatcttgc tagtcttctg aattttgggc cttttttgtt 180
tattttttcc tctttatttt attttcagtt ccaggataca cgtgccagat ctgcaggttt 240
gttacacagg taaacatggt ccatgggtgt ttgctgcacc tatcaacca tcacctaggt 300
gttaagccca acatgcatta gctattttatt ctgatactct ctct 344

<210> 30970
<211> 171
<212> DNA
<213> Homo sapiens

<400> 30970
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tatcttctgt gcctgagtgc tcccactacc ttcatgggt ggctgacacc ctctttcaaa 120
ctcagcccag gtgtcaaccc cttcagggag ctttctttta ctgtccaccc c 171

<210> 30971
<211> 384
<212> DNA
<213> Homo sapiens

<400> 30971
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acttgattca tttgcttctc aaagagatca gatgcatcag aattaaaaag gtatttcagg 120
atgggaggaa gggggtgaaga gatgtctctg cagcttcttc aactgcactc tgattcctca 180
gatagcttac tataatggag taaatatttt tgaagccatt aaactagcca ctctaaagga 240
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attatgagaa aatttamccc tkgtagcttc aaaatwatac cttgttggga aaaactgcat 360
tccataaata cacactgtag aaca 384

<210> 30972
<211> 254
<212> DNA
<213> Homo sapiens

<400> 30972
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acataatata gagaggtata tagtatagag taacacagtg cttgtttcac ggtaccacaa 120
agttccattc ctgagcttta aatctctgta accagccttt gtggttgctg tgtatcattc 180
cagatatttc catatttttg ttttagtttt gtttcttaaa tgaaggggag aaagtgttgt 240
tttaacgggg tacc 254

<210> 30973
<211> 140
<212> DNA
<213> Homo sapiens

<400> 30973

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<210> 30974
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 <212> DNA
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<400> 30974						
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tggcttcaca	ccaagtgtat	ttctcgcccta	cagcacagtg	cagtgttggtg	ggctctgtcc	180
acacagccat	tcaagcaacc	agactccttc	tctctgctgc	ctccaccttc	ctcgaggccc	240
atgtcattca	ggcagagata	ggcaaaggga	gggaggccac	gcacaggagg	ttcctgtgac	300
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<210> 30975
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 <212> DNA
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<210> 30976
 <211> 290
 <212> DNA
 <213> Homo sapiens

<400> 30976						
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aaaagtcttc	caagtcccca	tccgtcccag	aagcccagcc	ggcttcatct	ctcactggca	180
ttggcagggc	agcgggactt	tgcgacacct	agccccggga	ctccagcagc	ccagagggag	240
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<210> 30977
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 <212> DNA
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<400> 30977						
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gactgacttg	gctgaagaaa	atgccagttc	tgtggatgtg	gccgtgacaa	gaggacgtgc	180
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<210> 30978
<211> 148
<212> DNA
<213> Homo sapiens

<400> 30978
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ggcggggagc ccaagcgctc tcggaccgcc tacacgcgcc agcaggtctt ggagctggag 120
aaggaatttc actacaaccg ctacctcc 148

<210> 30979
<211> 164
<212> DNA
<213> Homo sapiens

<400> 30979
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aataatttga aatactttta ctttcatgcc tatatgacaa tactgagcta tactatttgg 120
tacttatggg tcttgaaaaa gtcaggtaag tactctgtgc tgac 164

<210> 30980
<211> 302
<212> DNA
<213> Homo sapiens

<400> 30980
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ctctgtcttc tgtaagtac agttgatact gacattgttc actcatcaaa ccacatcttg 240
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tt 302

<210> 30981
<211> 134
<212> DNA
<213> Homo sapiens

<400> 30981
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gctcagaagc agac 134

<210> 30982
<211> 57
<212> DNA
<213> Homo sapiens

<400> 30982
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<210> 30983
<211> 398
<212> DNA

<213> Homo sapiens

<400> 30983

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gacgttatat	ggtactcaga	gagcagcagt	acatggatgg	caagtgtggc	gttgtgctgc	180
caccacttc	cccatgccaa	aagcatataa	ctgctaata	gttaccgcat	tttttgcctg	240
cgaattcgta	agcagcccca	agagttctca	acaggatgct	tcagggtggc	actactaatt	300
atttggagtt	ggcacgtgag	gttaaacctg	tttgtcttct	ttgtagtggg	tggtcctgtg	360
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<210> 30984

<211> 181

<212> DNA

<213> Homo sapiens

<400> 30984

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cgccctctt	ggtgcgatgc	tgtacaggtc	tctgtaaaaa	gtccttgctg	tctcagcagc	180
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<210> 30985

<211> 280

<212> DNA

<213> Homo sapiens

<400> 30985

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gcaggcagtt	ctctctatct	tgaggctcct	gcggctgccg	cgctgacttc	cctgtgtgcg	180
ggagggaact	ctgggcaggc	tggttttctt	ggaatgtgtt	dacgatgttg	aatgggactt	240
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<210> 30986

<211> 204

<212> DNA

<213> Homo sapiens

<400> 30986

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atattaaaac	aatttatatg	ctatatgaaa	tgttttgagc	taacaagtag	gacagtttta	180
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<210> 30987

<211> 194

<212> DNA

<213> Homo sapiens

<400> 30987

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194

<211> 327

<212> DNA

<213> Homo sapiens

<400> 30988

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atggggagaag	cagaaagaca	gtaggtcggg	ggctgtcgtg	gtcatcctgg	tgagagactg	180
akchgggcag	tgggtgggag	ccagtgagga	cagacagccg	tcgatggagc	aaaaagacac	240
ttgtgtgctg	gtctggctgc	aaaaggga	gaggagtcaa	gggasrctta	aaatagcaaa	300
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<210> 30989

<211> 444

<212> DNA

<213> Homo sapiens

<400> 30989

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gatcgcttga	gctcaggagt	ttgagaccag	cctgggcaac	atggtgaaac	cccttctctg	180
cagaaataca	aaaattagcc	aggtgtggtg	gtgtgcgcct	gtagtccac	ctaccagagg	240
gagctgaggt	aggaggattg	cttgagcctg	ggaggtgaag	gttgcagtga	tttgagattg	300
caccactgca	ctccagcctg	gatgacagag	caagaccctg	tctctaattc	tgtttgaaat	360
gttgtgttaa	tttacttcag	cttagtgggt	tttttttggg	gtggggggag	tggctatttt	420
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<210> 30990

<211> 224

<212> DNA

<213> Homo sapiens

<400> 30990

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agattaaggt	ttcataccaa	aatacatgta	gcttatcttt	taggaagggg	aaaaaggctc	120
cattttgacc	atagtaaaat	ttgtgttgtg	ttttatttcc	ttttcttaag	ctccactgat	180
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<210> 30991

<211> 139

<212> DNA

<213> Homo sapiens

<400> 30991

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<210> 30992

<211> 424

<212> DNA

<213> Homo sapiens

<400> 30992

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gtttgtttgt	ttgtttgttt	gtttgttttc	cttgagacgg	agtcttgctc	tgtcgcccag	180
gctggagtgc	tgcaatggct	cagtctaggc	tactgcaac	ctctgcttcc	tgggttcaag	240
caattctcct	gcctcagcct	cccgagtggc	tgggactaca	ggcgcgtgcc	accacaccca	300
gctggnnktt	gtatttttag	tagagacagg	gtttcaccat	gttggccagg	ctgggtcttg	360
actcctgacg	tcgggtgatc	cgcctgcctt	ggcctccaga	attgctggga	ggcctgtagc	420
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<210> 30993

<211> 401

<212> DNA

<213> Homo sapiens

<400> 30993

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gcaaggggtt	ggcttcttcc	agacacagca	tagcgggagc	tcgggtgggcg	gcgtacggga	300
cgtgacaggg	ggttgaggct	ggaggcaagt	gggascaggc	gtgsagcvtg	taggckgsag	360
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<210> 30994

<211> 261

<212> DNA

<213> Homo sapiens

<400> 30994

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tctttttgag	acggagtctt	gctcgccagg	ctggagtgc	gtggcacaat	cttggctcac	180
tgaaacctct	gcctcccggg	ttcaagcgat	tctcctgtct	cagcctcccg	agtagctggg	240
attacaggca	tgtgccacca	c				261

<210> 30995

<211> 131

<212> DNA

<213> Homo sapiens

<400> 30995

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<210> 30996

<211> 221

<212> DNA

<213> Homo sapiens

<400> 30996

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 tctactaaaa atacaaaaat tagtgggaca tggtagcgta tatctgtagt gccagctact 180
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<210> 30997
 <211> 290
 <212> DNA
 <213> Homo sapiens

<400> 30997
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 aagacaatat ttggcttatt tagttctgca ttttacataa tctaaccctt gctaattttt 240
 ctgtattaaa attatattgc taggagaaga agagagatga aaattagtct 290

<210> 30998
 <211> 193
 <212> DNA
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<210> 30999
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 <212> DNA
 <213> Homo sapiens

<400> 30999
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 aactttgtca tccaaaatgc tggcttctcc cttccaaatt cctgttacca gaagacataa 180
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 <212> DNA
 <213> Homo sapiens

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<210> 31001

<211> 312

<212> DNA

<213> Homo sapiens

<400> 31001

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ctcttttctt	cttggttggtc	accccccaat	cccctcattc	caccagccat	agctaactac	180
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<212> DNA

<213> Homo sapiens

<400> 31002

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cagacaagcc	atcgacaaaa	ctttgcaaaa	gcaaaaacaa	aaaaggaaaa	actaaccaac	180
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<210> 31003

<211> 375

<212> DNA

<213> Homo sapiens

<400> 31003

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<210> 31004

<211> 364

<212> DNA

<213> Homo sapiens

<400> 31004

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tacattatgt	tataatccca	ccaataatgt	ttgaggatgt	cagtttctcc	atgtccttac	180
caaaaattgt	catggtctgt	attgctgtag	ccatcttggt	tttctaaaga	ttgagcattc	240
tgctgggttt	gtcatgagcc	atgttgtttg	cacatctcat	gaggtgtggt	ccacaccttc	300
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gggc						364

<210> 31005

<211> 289

<212> DNA
<213> Homo sapiens

<400> 31005
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cctcagagtg tgcaggtgga cggccgggccc cggacccaga aactccagtt cctgacggtc 240
ccacacagtt gcgtgcactg aacttgaccg agggattcgc cgtgctgca 289

<210> 31006
<211> 208
<212> DNA
<213> Homo sapiens

<400> 31006
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taaactgtga tagaagggtg tacaaggat tamcttttct ctgcttataa attatatgaa 120
tgtacatagt cctagcaata tgaatattta tcagaagatg tataatgtag aatccaactg 180
cctcattctt cctgaacagc catgacct 208

<210> 31007
<211> 341
<212> DNA
<213> Homo sapiens

<400> 31007
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gacagtttta gaatatgcag aatacaagaa tgtatggact accacatcca gtctcttaat 180
tcaacagaaa tatgttgagc ctgtctcaaa gagactgtat ttgatagtag catcttttgc 240
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<210> 31008
<211> 167
<212> DNA
<213> Homo sapiens

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tcagagtaaa tcagtgtgcc acccccataa aactgtaaga caaggcc 167

<210> 31009
<211> 359
<212> DNA
<213> Homo sapiens

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ccatttgttt caaattcagg cagaatcaga acatcatagt gcatataagg ggtaattctg 180
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ttatctttta tgtttttctt ttgttaaagtt cttttgaacc tggaatttta ggttaaatta 300
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<210> 31010
<211> 280
<212> DNA
<213> Homo sapiens

<400> 31010
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<210> 31011
<211> 151
<212> DNA
<213> Homo sapiens

<400> 31011
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agcacattag cgtaatgata gggagggggt g 151

<210> 31012
<211> 54
<212> DNA
<213> Homo sapiens

<400> 31012
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<210> 31013
<211> 382
<212> DNA
<213> Homo sapiens

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<211> 437
<212> DNA
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 <212> DNA
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 <212> DNA
 <213> Homo sapiens

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gtgccagaac	cttccatggg	gaactccctg	ctccctagaa	accctatctc	caggcagggtg	360
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<210> 31018
 <211> 161
 <212> DNA
 <213> Homo sapiens

<400> 31018						
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<210> 31019

<211> 258
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 ccctggctgt ggagaatgct gaaggaagaa gacgcagaag caggakgacc ctgaaagktt 180
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 agcagcatga ttggccga 258

<210> 31020
 <211> 146
 <212> DNA
 <213> Homo sapiens

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 atatatttta ttgatgcagc ccactt 146

<210> 31021
 <211> 417
 <212> DNA
 <213> Homo sapiens

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 caccaaacag gctttgtgtg agcaacaagg ctgtttatct cacctgggtg caggctggct 360
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<210> 31022
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 cagacttttc ataaataaca gtctacatca agacaaacag tacattcagc aagctgaaga 240
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<210> 31023
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 <212> DNA
 <213> Homo sapiens

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gccaaagcag ctcattcaca tacagcgtaa gtaatgattc tcttaatgat tgtatcttct 120
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<210> 31024
<211> 217
<212> DNA
<213> Homo sapiens

<400> 31024
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tatacttgca atatcagacc ttgcattcaa tatacaatgc aattgactct ttgcagacnt 180
gcatttttca gtgaacaata aaaagattgt ctggcag 217

<210> 31025
<211> 342
<212> DNA
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<400> 31025
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ccaagtcacc tcttgaatgc ttgtccactt agaaatttct tctatcagat accctaaatc 180
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<210> 31026
<211> 136
<212> DNA
<213> Homo sapiens

<400> 31026
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aattggagca tccatt 136

<210> 31027
<211> 266
<212> DNA
<213> Homo sapiens

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atagagtcca gaaacatgga ctacacataa ggttctctat ttaagttaaa tacaatgca 180
actttttagt gagcttttag gactactctt caaaaaaagt gtattgctca gaatgatgac 240
ctgtaaatgt aagagtggca ggacct 266

<210> 31028
<211> 86
<212> DNA
<213> Homo sapiens

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gaacatttgc tcattcataa cttttt 86

<210> 31029
<211> 158
<212> DNA
<213> Homo sapiens

<400> 31029
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aacacgcttg hnscgctgcc catcgkagcc atcsgagaac atcctcagct ttatgtccta 120
cgacgaaatt agccagctcc gctggtgag gccccgc 158

<210> 31030
<211> 251
<212> DNA
<213> Homo sapiens

<400> 31030
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ataaatgtta caaattcccg aaagaaggga atttcttttt ctgggggttt cttcaaactc 240
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<210> 31031
<211> 369
<212> DNA
<213> Homo sapiens

<400> 31031
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gttctacgtt ttgccacata gtagaaccca tttcagccaa gttttctgcc actttacaac 360
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<210> 31032
<211> 452
<212> DNA
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<400> 31032
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gcttctgat catccaccct tgatttcttc tagttgtata aagtaaataa tatcctcact 180
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ccactgagct cctcactgct tccagcamcc ct 452

<210> 31033
<211> 210
<212> DNA
<213> Homo sapiens

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gccgccagc ctggagtgc gtggcagcat cttggctcac tgcaacctcc gcctcctggg 180
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<210> 31034
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<212> DNA
<213> Homo sapiens

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aattggacac gggatagagc ctgaggaaca actccaggaa attgggggtac aagcagaggg 180
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<210> 31035
<211> 329
<212> DNA
<213> Homo sapiens

<400> 31035
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caaagtgact ttaaacaggt aaaaaaccca ttctattttt tgtacattac caaaagtttt 180
tcatatacct acagagctaa ctaattacaa ctgatttaat ccactcaagt ttagaccagt 240
taaaccata ggatcctgta tggttatcaa tgtgatgcct tgcttttcat aaaaaggta 300
taattgggtc atacacttga cgagagga 329

<210> 31036
<211> 424
<212> DNA
<213> Homo sapiens

<400> 31036
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<210> 31037
<211> 199
<212> DNA
<213> Homo sapiens

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tccaaaacgg aaagcdgag 199

<210> 31038
<211> 170
<212> DNA
<213> Homo sapiens

<400> 31038
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acactggaga aatcttaagg atttaagacg ttcttggtac acccccccat 170

<210> 31039
<211> 339
<212> DNA
<213> Homo sapiens

<400> 31039
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<210> 31040
<211> 391
<212> DNA
<213> Homo sapiens

<400> 31040
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cagtgatatt acatggctag ctaataattt tgcttgggtga tttgttaaaa aacaacttcc 360
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<210> 31041
<211> 364
<212> DNA
<213> Homo sapiens

<400> 31041

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tggt						364

<210> 31042
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 <212> DNA
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<210> 31043
 <211> 296
 <212> DNA
 <213> Homo sapiens

<400> 31043						
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<210> 31044
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 <212> DNA
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<400> 31044						
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<210> 31045
 <211> 174
 <212> DNA
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<400> 31045						
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<210> 31046
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 <212> DNA
 <213> Homo sapiens

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<210> 31047
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 31047
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 aacaatatta attcttccta tctatgaata tggaatgttt ttccatgtgt ttgtgtcatc 240
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<210> 31048
 <211> 57
 <212> DNA
 <213> Homo sapiens

<400> 31048
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<210> 31049
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 <212> DNA
 <213> Homo sapiens

<400> 31049
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 agaatctgca gatctcttaa ggctaagctt tggaagtgtc aacattgtca mctctgtctg 360
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 <211> 244
 <212> DNA
 <213> Homo sapiens

<400> 31050
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<210> 31051
<211> 121
<212> DNA
<213> Homo sapiens

<400> 31051
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<210> 31052
<211> 163
<212> DNA
<213> Homo sapiens

<400> 31052
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<210> 31053
<211> 60
<212> DNA
<213> Homo sapiens

<400> 31053
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<210> 31054
<211> 387
<212> DNA
<213> Homo sapiens

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<210> 31055
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<212> DNA
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<210> 31056
<211> 433
<212> DNA
<213> Homo sapiens

<400> 31056
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ttccaattag ttaatgcttg tggtttcatt atgctggctt tttggagatt tttttaaatc 180
ttctttttca ggttcaaagt caagtgtttt ctgaagcaaa ctgtgccaat ttgatcagca 240
ctcttattac aaacttgata agynagtatc agaacctaca gtctgatttc tccadccgag 300
ttganatttc caaagcaagt gcttctttaa atggggtaag aactatgcag aggcggcggc 360
acacactttt aaactgtcct tcagtttaact gtgtggcctt catatgattt tactctcgta 420
actttaactt act 433

<210> 31057
<211> 182
<212> DNA
<213> Homo sapiens

<400> 31057
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tgcaagctct gcctcccagg ttcattggcca ttcttctgcc tcagcctcct gagtagctgg 120
gactacagga gccaccacc atgcccggct aatttttttg tatttttggt agagacgggt 180
ca 182

<210> 31058
<211> 343
<212> DNA
<213> Homo sapiens

<400> 31058
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cttctatgca taaaactag aaaacttcaa agagatggat aaattcatgg agaaatacac 120
cctcccacaa ctgagccagg aagaaantga tttgctgtaa acagaccaat aacaagctcc 180
gaaattgaat cagtaataaa taacctacca accaaaaaaa gccagaaca tgatggattc 240
ccagtcatat tctactagaa atacaaagaa gagctggtag cattttttaca ggaactattt 300
gaaaatattg aggaggagga aysctcccca actcattcta tga 343

<210> 31059
<211> 216
<212> DNA
<213> Homo sapiens

<400> 31059
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gctggggcag gaagattgct tgagcccagg agttcgagac tagtctgggc aacatagtga 180
gaccgcgcc ttctctaaat tttttttttt tttttt 216

<210> 31060

<211> 99
<212> DNA
<213> Homo sapiens

<400> 31060
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tgttgcgttg cgtttccttc ctctttcact ccgcgcacc 99

<210> 31061
<211> 376
<212> DNA
<213> Homo sapiens

<400> 31061
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cgtttgatga catcactgtg tacttactcc aggaggaatg ggtgctgctg agccagcaac 120
agaaggagct ctgtgggttc aacaagctgg tggcaccact gggaccaact gttgccaatc 180
ctgagctgtt ccgcaagttc ggacgagggc cagagccatg gcttggcagc gtccakggcc 240
agaggagcct tctggagcat caccaggaa aaaaacagat gggctacatg ggagaaatgg 300
aggtgcaagg tcccaccagg gagagtggac agtccctccc gcctcagaag aaagctacct 360
ttcccacctc agtaca 376

<210> 31062
<211> 396
<212> DNA
<213> Homo sapiens

<400> 31062
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tgctgttttag ggaatgttga tcctggagga taaagttcta caaaatatct agagttaatg 180
tttaatcgaa aggnhntgt cttaagggtc aagagatagt tgagttcctc tattaaaaac 240
aatgaaggct agaccctgtc ttctccatta ggaatcctga gcattgggtga ggaaattcat 300
actaakhnct tgctgctacc aatatcttat tccttatact ggatctccag taaaatgtgc 360
atatatatat gcatatatat atgggtttta nattat 396

<210> 31063
<211> 279
<212> DNA
<213> Homo sapiens

<400> 31063
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tgaattttac caaacattta atcaaagaag aacaagtacc aattgtactc taactattca 180
gaaaatagag gagagagtac ttccaaacga attctacaaa gccaatatta cactgatacc 240
rraacaaatg acacatcraa aaaagaraac tacaggccc 279

<210> 31064
<211> 217
<212> DNA
<213> Homo sapiens

<400> 31064

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cgaataaggc	acgggcagcc	tcagtctcgt	gcagagccag	atactttatt	catcacttgg	180
gcgatttgaa	actgccaact	ccctccctcc	ctcccc			217

<210> 31065
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 31065						
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aagcctggcc	atcaagctgt	atagcagttt	tccagaggct	tttacttttt	attgggattg	120
gattatatta	accttacatt	catgttccaa	ccgtgtaatt	ttgcccta	acattatttt	180
aacttttctc	tagcttctgt	agacatcatg	attcctgtct	tgcttgaatc	cgaatctgta	240
tagcttgaaa	cagcattatt	actagtataa	gtgcaattac	acatcatcca	tatgtgta	300
acaaactggc	agactaagac	cccagc				326

<210> 31066
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 <212> DNA
 <213> Homo sapiens

<400> 31066						
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tttacagtga	actccctgcc	tctacgggtc	tgctcattct	cattacatgg	accaa	116

<210> 31067
 <211> 304
 <212> DNA
 <213> Homo sapiens

<400> 31067						
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aattagcttt	ttatttaaaa	aacataacca	aaaaattcta	aattgggttaa	aaaaattaac	180
taagtagtag	aagatcatct	caaagagggg	ttttattttg	ggggaaggtc	aggaaattat	240
aaagaatgat	ttaactctgc	aaaagttaka	aacttttata	tggcaaaaaa	aaaaatcccm	300
ccac						304

<210> 31068
 <211> 175
 <212> DNA
 <213> Homo sapiens

<400> 31068						
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tccttgcccc	tccktgtgtt	ctaattgctt	tgcaagtgtg	akactaggat	gtccaagatg	120
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<210> 31069
 <211> 278
 <212> DNA
 <213> Homo sapiens

<400> 31069
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aacctgtttt agtttagttt acagcattta gaaacagaag gtaactttat agaagtaaca 180
ccaatatcct agtctgcttg ccccgaatat aactaatagt attaggatgt aagcaatatt 240
aagatgggtt tkatkatttk tkatacactg tgtgcatc 278

<210> 31070
<211> 227
<212> DNA
<213> Homo sapiens

<400> 31070
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caaaccagat tgcagcaggg gtgagagagt ccctgctgag attgtctcgg gggccaggga 180
ggggctgggt ttctcattgc agacacttac ctgataaggg ggcagcc 227

<210> 31071
<211> 185
<212> DNA
<213> Homo sapiens

<400> 31071
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atgaactgag tttaaaacta caggggaaaa acagtgatgt rttccaacat gttgaacgta 120
tccagggtt tcgaaagaca ttattgttat ggcaagtaag acttaaaagt aatcgtccta 180
gcaac 185

<210> 31072
<211> 444
<212> DNA
<213> Homo sapiens

<400> 31072
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actcaaatta agtccactca gaaagcacat tcacaaattg ggctacatat acagaaggag 180
ctatgtttta tatgcctcac tgtagtcaac tcattttatcc tatatgtatg gttcccccat 240
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tacaacttat gttctctaata taagacttca tccttatttt agtatacttc ccctctctgg 360
cttttttsca tattkctgca gatgtcttga cctttctggg gagtaagccc cttagaagat 420
taattttctg tagttctcta ttga 444

<210> 31073
<211> 349
<212> DNA
<213> Homo sapiens

<400> 31073
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cattgctgct ggaggaagat catggactgt cgcgggaaac tgaagtgggt gagtatccac 120
tagtcgtgga tgagggcagt gacttcgcag ttttttgcga attacacatc tchttgatta 180

tggtgtgact	agttttgtta	gatagtcatt	tagtgtttgg	gatacctgtt	aagccctttg	240
tccagggact	gtggttggat	ttatgaatta	tttggacggt	tgtccacttg	aaagaactga	300
cagtagcttc	ataacaatgt	tacaaatctc	gttctaagat	taagctgtt		349

<210> 31074
 <211> 379
 <212> DNA
 <213> Homo sapiens

<400> 31074						
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gcccaatgct	tgatatatag	caataaatat	ttgtgaaatg	aagaaattaa	tgaatggaac	180
acacatactt	gaatgagcag	aaagactgaa	agtacacaga	gctgaaagcc	tgtttgattt	240
cttcatctgt	caagctccct	agtgaaaatt	tgctttgtga	cacttctgat	tcattcaaac	300
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<210> 31075
 <211> 155
 <212> DNA
 <213> Homo sapiens

<400> 31075						
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tcagaaagta	tgatataact	cttcagaata	agaggaggcc	ttgatttggc	ttttcagcta	120
gctactccta	atgaaatfff	tctcaaggag	gcact			155

<210> 31076
 <211> 158
 <212> DNA
 <213> Homo sapiens

<400> 31076						
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ggcagggaga	ggggtgcca	ggtaagcttg	aggggcct			158

<210> 31077
 <211> 362
 <212> DNA
 <213> Homo sapiens

<400> 31077						
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aattcctttt	gtcactgtga	ctgctcatca	gcaggcaagg	aagagcaggc	aacaaaagtt	180
gaaaagtgca	tgaaggaaaa	ctttgaggaa	tatgatattc	acattccagc	aaattggggg	240
aaaactgcta	ttatctggtt	taacacagga	gtgccttggg	gccctgcctg	aggctaattg	300
gttctgtagg	ggtggctgca	cagccacagt	cctgaaacat	gggaaagcat	ctcctgagtc	360
ca						362

<210> 31078
 <211> 375

<212> DNA

<213> Homo sapiens

<400> 31078

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atcccaggac	tttgggaggc	tgaggaaaagc	agatcacaag	gtcaagagat	tgagaccatc	180
ctggccaaca	tggTgaaacc	ctgtctctac	taaaaatata	aaaattagct	gggcgcgggtg	240
gtgcacacct	atagtctcag	ctactcagag	gctgaggcag	gaggatcgct	tgaacccggg	300
aggcagcagt	tgcaTgagc	tgagattgcg	ccactgtact	ccagcctggc	aacagagtga	360
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<210> 31079

<211> 216

<212> DNA

<213> Homo sapiens

<400> 31079

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ggtataaatt	taggactacc	agaatttagg	ctttgggtaa	ctctagtcta	aaataatatc	120
tagtaccatt	ttgtaacata	ggctgtttgc	ttcattaagt	aaataatcaa	cagtcataaa	180
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<210> 31080

<211> 373

<212> DNA

<213> Homo sapiens

<400> 31080

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aggtagtttt	tttcacagta	caagagcatt	tttcttggtta	gaatctcttg	atttatttga	120
atgtgcttct	ccacacattt	aaattaagct	ttaatttaac	atatgtctga	ggccggggcac	180
agtggctcat	gcctgtaatc	ccagcacttt	aggaggccaw	kgcgggtgga	tcgchtkagg	240
tcaggagttc	gagaccagcc	tggccaacat	ggcgacaccc	catctctact	gaaaatacaa	300
aaattagccg	ggcgtggtgg	tgcatgcctg	taatcccagc	tacttaggag	gatgaggcag	360
gagaatcggt	tga					373

<210> 31081

<211> 225

<212> DNA

<213> Homo sapiens

<400> 31081

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ttggtagtag	ctgggtgtccc	ctggtgaggg	tggcaatcct	aaatcatctc	cattttcgctc	120
ggtgagcgtg	ggacctgcct	tggctcgcac	agctgccac	ttagctgctc	cgcgcgcggc	180
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<210> 31082

<211> 409

<212> DNA

<213> Homo sapiens

<400> 31082

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agggtcatgg	gattgggacc	gaggtgtgag	gagggaaatct	gcaattcctt	gctacacaga	120
gcgctggcaa	cttctgacag	gctgtttctg	gggtatgggc	tgcttcgggt	tgttgctgtt	180
acaaggaaag	aaaagagttc	ccctgcccac	cgctctccag	ccactgggct	acctcctggc	240
aggaaatttg	caaactgagt	ttaacaagtt	aggatcagca	gagggtagag	gagggcctgg	300
cagatgtggg	gtctagaaga	ggacaggagt	tatcagggsc	tccggccatt	gtgctgggct	360
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<210> 31083

<211> 123

<212> DNA

<213> Homo sapiens

<400> 31083

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<210> 31084

<211> 392

<212> DNA

<213> Homo sapiens

<400> 31084

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gctgtggcag	ggcagcccca	gtgggtttgt	tgtgttaggg	cagtgagtga	ggggctgggg	180
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ttctgggaga	aaggtgagaa	acaaggagct	tccagtctag	cagggaaaag	atcacaaact	300
tagtataaga	aagagatgtg	gccagatggc	agtggctcat	gcctgtaatc	ctagcacctc	360
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<210> 31085

<211> 406

<212> DNA

<213> Homo sapiens

<400> 31085

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tttctaatac	aaagtcttgt	agtgtggaaa	tacttgacag	cttgaaggaa	ttatcagtct	180
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catgtcactc	tgttcaccaa	cccactctgc	tgaaatgtcg	ttatttcttc	aaggccggag	300
aaatgctacc	actctcatca	gagggttcag	agatgggcag	tgasraggag	cagagtccag	360
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<210> 31086

<211> 335

<212> DNA

<213> Homo sapiens

<400> 31086

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ngcgtatcag	agaaaaccaa	aaaggacgaa	gcattttatc	atcctcgtct	gattatttat	180
gaagaggaag	aagaggaaga	ggaagaggag	gaggaagtag	aaaatgagga	acaagattct	240
cagaatgagg	gtagtacaga	tgagaagtca	agccctkvca	gctctcaaga	agggtctcct	300
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<210> 31087
 <211> 251
 <212> DNA
 <213> Homo sapiens

<400> 31087	
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ttttctggct	ttgtctgttg
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gagcctcatg	gagaggagca
tgaattagag	ctcatgcccc
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	120
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ctcatgcccc	
tcctgagagc	cttccttttg
	180
gagaggagca	tgtgttggaa
ctcatgcccc	
tcctgagagc	cttccttttg
	240
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<210> 31088
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 31088	
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ggcatctaac	ttctcttttg
ggatttggga	actgagcaag
	60
gagcctcatg	gagaggagca
tgaattagag	ctcatgcccc
ttctcttcaa	tcctgagagc
cttccttttg	
	120
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tcctgagagc	cttccttttg
	180
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ctcatgcccc	
tcctgagagc	cttccttttg
	300
gagaggagca	tgtgttggaa
ctcatgcccc	
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	394

<210> 31089
 <211> 271
 <212> DNA
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<400> 31089	
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cagagtcaca	tggtcttatag
	60
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tgaattagag	ctcatgcccc
ttctcttcaa	tcctgagagc
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	120
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tgaattagag	ctcatgcccc
ttctcttcaa	tcctgagagc
cttccttttg	
	180
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ctcatgcccc	
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	240
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	271

<210> 31090
 <211> 244
 <212> DNA
 <213> Homo sapiens

<400> 31090	
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accattaaac	tctaattgtca
ttta	
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gagcctcatg	gagaggagca
tgaattagag	ctcatgcccc
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cttccttttg	
	120
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cttccttttg	
	180
gagaggagca	tgtgttggaa
ctcatgcccc	
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	244

<210> 31091
<211> 169
<212> DNA
<213> Homo sapiens

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attctgcac tgaggattca gccaacctct gatccaaaat attcaaaaa 169

<210> 31092
<211> 196
<212> DNA
<213> Homo sapiens

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aacatataga tgacaaactt tgacatgaak gtttagaraa cttgtgagta aaaggatag 120
cgatacgaat atttctaaaa ttcaaatca gaagctttta gsytcataaa tcatatattt 180
tgaaaaatga gcattg 196

<210> 31093
<211> 412
<212> DNA
<213> Homo sapiens

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gaattgtaga tttcgagatc tttacatcta atgctcctat acatctactg tagagatttt 180
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ccaataatta gtaggtacct ctgaataata gttttaatat ttcttggtaa catttatagt 300
tcattttaga cccaaaatga gagaattsct tgagaattac tcagcacttc tgttggtgta 360
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<210> 31094
<211> 360
<212> DNA
<213> Homo sapiens

<400> 31094
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gattcttaat ggggctcata ataagtttaa tatgcacagc atcttagaaa agtttaacct 240
gcaaacactt ttaaaacata atgcctactt gatttatatc tataaaaaaga ctgacaggta 300
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<210> 31095
<211> 240
<212> DNA
<213> Homo sapiens

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ggatgtggat ctctctcatc acctgcagca gacacattgc ccagagaccc atcccccaac 180
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<210> 31096
<211> 234
<212> DNA
<213> Homo sapiens

<400> 31096
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cattagcata aactcaggtg tgatccatag caaagacatg tctagctctg tgctaggaab 120
mctaggacaa agacctgaca aattattaca cagggcataa acaagaccag gagtgaatat 180
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<210> 31097
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<212> DNA
<213> Homo sapiens

<400> 31097
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ataatccttt ttatttgctg agaatgggta gtaatgttcc tactttcatt tctgatttta 180
gtaatttgag tcttcttgct ttttcttagt ccacctagcc 220

<210> 31098
<211> 272
<212> DNA
<213> Homo sapiens

<400> 31098
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cttgctccctt tgtagatctc atttctcttg tgttataatt ttaactttta gtaataaaat 180
ggtttgaaatg tgtaaaggaa aatacttggt gtaaaggaaac attgtccata taatacagt 240
taatttttagt gattgtaaat ttaccatttt tt 272

<210> 31099
<211> 300
<212> DNA
<213> Homo sapiens

<400> 31099
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gttttatttg cagtttctca attgggagga aacagttctc tggagtttta tttttttata 180
ttttattbta ttttattkat ktatttattt tatttytatt ttttttgagt tagagtctcg 240
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<210> 31100
<211> 178

<212> DNA
<213> Homo sapiens

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<210> 31101
<211> 290
<212> DNA
<213> Homo sapiens

<400> 31101
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ttgtttatftt gcttatagggt ttttggtctt tgtgagaata acggaaggct taggatacta 240
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<210> 31102
<211> 200
<212> DNA
<213> Homo sapiens

<400> 31102
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gactcaataa ttgatagatt ttcttagagt aacagtatga gagctccagc cattccatta 120
aaagtattag ttctgctttg agctgaaacc agttgagcct aatggaagac tggatgtctt 180
tcttcttcat ccaagcacccg 200

<210> 31103
<211> 239
<212> DNA
<213> Homo sapiens

<400> 31103
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tttctttctt agtgggtttg aaaaataatg gkgcatcgtg actgaaggcc tcttggattt 120
gctgaaatac tggaagtagc attctccaga tttgagctct agcagctctg ncagaagccg 180
ggaacctgtg tgcncatact ctgagtttgt tttcccagtt aggactgggt cctagtgtta 239

<210> 31104
<211> 405
<212> DNA
<213> Homo sapiens

<400> 31104
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tttcaacttc atatgacctg agtaatctftt tataaataag aatattggca ttaatgaaag 180
tgaatattct acctagttftt acccaaataa gctcatgttg tctgctatac aatttgtcaa 240
aaaaatacct tgagatgaca ggtagttggt tttgttaata ttatgtttgc cactttaact 300
atgttaaatg aaatgacagg tattcattaa atatctacan catttccaga taagcaaact 360

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405

<210> 31105
<211> 430
<212> DNA
<213> Homo sapiens

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gtcacactta actacaagtg ragggttgr aaaacacata agcctatgta ctcagttctc 120
tactacaaa agagaggaga atatatattg gggaaccctt ggcagcctct tctacagga 180
cacagactcc cttatgcaa tccagagaaa ccaaagactt actgagcatt tctttgaggt 240
gattctttac tctgttaagt ctttaagtga tcatcttagc tacactaaca attggggggg 300
ggaaaagagt cttttccaac tgatacatat caatatthta cttcagaaga gatabctgaa 360
ctgtatattht cagatggcat ttttaaaatc caatgcctag gataataggg ttagttactt 420
ttccaaaaaa 430

<210> 31106
<211> 148
<212> DNA
<213> Homo sapiens

<400> 31106
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tgtattaact agcctctcat ttkgagraaa ttataatttg ttaccttga ctagtaagta 120
ggtacttaaa gtctaagatt tctttttt 148

<210> 31107
<211> 177
<212> DNA
<213> Homo sapiens

<400> 31107
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ccagtaagtt tattcaagta aatatgtaaa ttgatgcata agacagttga ttatcaagtt 120
tgcaagaaaa tgttacctgt taactctgat attaatttca atggttaaaa agtcact 177

<210> 31108
<211> 338
<212> DNA
<213> Homo sapiens

<400> 31108
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acaaaattca gaagacttgg gttatggctc tattatctgt tgactantgt ttatgatctt 180
tactatthta gttaaattat gtgggcttag tcttttcatg tgtgaaatga agaatttgct 240
tcagtgtctt ttaattctct tagcgcaatt cagtacatga accttttaac attggccttt 300
ctctcagttt aagctaaata tatwaattaa tgtgctca 338

<210> 31109
<211> 453
<212> DNA
<213> Homo sapiens

<400> 31109
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cttatattta caggtgcaac tgaccttgac tgtgcatcct tcccaactta cttcttataa 180
atcctgtaat caataagtga aatagtattb catacccttc ataattcacc ttccaatgtc 240
tgtttttcna cacatcatct aagcttctat aaaacattct tttcctctgt aatggactcc 300
aatcctgttt ataagtttta taaataagag cttaacattt cttstcaata cttagaaatg 360
acgataaaag aattagttga caagattggg atcttaagaa tttcaactcc actktaaata 420
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<210> 31110
<211> 154
<212> DNA
<213> Homo sapiens

<400> 31110
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tctatttatt tatttttttt ttggctgara ctttcdattt tdagtttggt tcaaagtcgt 120
tcttaattgc ttaatgaagc atataatggg gcc 154

<210> 31111
<211> 50
<212> DNA
<213> Homo sapiens

<400> 31111
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<210> 31112
<211> 142
<212> DNA
<213> Homo sapiens

<400> 31112
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ggctaactct gggcctgtg ct 142

<210> 31113
<211> 430
<212> DNA
<213> Homo sapiens

<400> 31113
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gccaaactag gctaccagat atattctccc ttcatagcca ttacctccc tcacctgttt 180
tctgaagtac aataccatca ccaggtayac aagcaggaaa cccaacctcc acttcctgtc 240
ttcctagtag tgtcaccacc ataacttgaa ggttgccct tccaaatgtg atccatgact 300
cactcatctt gctccacaca gtggctacca tatattggat agtccaata ttaacccttc 360
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<210> 31114
<211> 368
<212> DNA
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<400> 31114
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tatttttcct tcatatatca aatcttaaaa gagttaaaac acaattttat gttcttttta 120
tttgctgact tcgaattctg tcatgtggcc aacataattt gtttttcata aagccacatg 180
acccgtttgt tctggttttt gctaggctta ggtagaaat gtaaaccttt ttgggtttata 240
accctaatat tttaaaacaa aaagaacttg tccctttata aacacttttt catatgttat 300
atatttacc tactatatac atctgttatg tatatcataa acatacatat atttattcag 360
ccagaggg 368

<210> 31115
<211> 405
<212> DNA
<213> Homo sapiens

<400> 31115
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tctcagtatt aaatgtttat aacaaccact ttctaaccct cagagagcaa cacagcaaat 120
acttaacagt gccatawnka aataaaaagct agtcaaccaa aacttcccat taaataggaa 180
ctgtaaactt tatatacaga taaaacaacc acattttcac aaactgaaac ttgaaaaatt 240
aagtaaannh gtcattcact aaattggctg cttggcaaac taattttcaa agaattagca 300
tgttcttggg tggaaaagaa aaagaataag caaagtcaga aangtaacaa aaaagatctc 360
taaagctggg tgttgcccaa dnngcagccg atggagccaa ccaga 405

<210> 31116
<211> 268
<212> DNA
<213> Homo sapiens

<400> 31116
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cagacaacct attcaataaa tggkggtggg akaattggca aggcacatg cagaagaatg 120
aaactggatt ctcatctctc actctgcaca aaaatcaact taagatggat caaagattta 180
catctaaaac ctgaacccat aaaaattcta gargataaca ttaataaaac tcttctagat 240
gttggcatag gcaaagagtc cataacct 268

<210> 31117
<211> 242
<212> DNA
<213> Homo sapiens

<400> 31117
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ttcaacccat tgcattttac catggagttt cactattatt ttattatttt cttcttcttc 180
ttgagaatta tggccacaat aagtagactt gtatgttatg taaataaatc ttaatggact 240
tt 242

<210> 31118
<211> 308

<212> DNA
<213> Homo sapiens

<400> 31118
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tgatcatctc agcagatgca gaaagaaaaa tcaactcggt aactttacca tgccttcacg 180
atgaaaactc tcaacaaatt atgcatagaa ggaacacttc aacataagaa aaggcatata 240
tgacaaatct acagctaact tcctactcac tgggaaaaat tgaaaagcct ttcctctaata 300
aactggag 308

<210> 31119
<211> 205
<212> DNA
<213> Homo sapiens

<400> 31119
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tgtttcttga ctctccttgg acagttcctc atcccttagg ctaatggrrc acaaagacat 120
aattagaaga tagcaactgt caagtgrtac aattaagtag tttaaaaaca tttacctcca 180
ataaatcatc taggaagctg cataa 205

<210> 31120
<211> 402
<212> DNA
<213> Homo sapiens

<400> 31120
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ctataaagta ccgagacttc ctgggcaaag aatggrsrat cagtttcctt cctgtgtcga 120
tgtcgatggt gtctktgcwg gagatgcagt ttttgtgtag agaattgtaaa ttttctgtaa 180
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tcatttaaac ttcctttgat tctttccgac catgaaatag tgcatagttt gcctggagaa 300
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ccacgcgtgc agagctgcc acahggagct cacagaaggg ga 402

<210> 31121
<211> 398
<212> DNA
<213> Homo sapiens

<400> 31121
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gaatcacttg aaccagcagg gcggagggtg tastgavndg agatcgtgcc actgcactcc 360
agcctgggca aaagagcgag actctgtctc aataaata 398

<210> 31122
<211> 306
<212> DNA
<213> Homo sapiens

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ttatatcttg tgtgktatat ggtctttcat attttttctt aaagcatatc atgtcataca    180
tactatTTTT aaactgcctt ttcaccactt ctgaaaatac ctttccttac tttatcttct    240
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<210> 31123
<211> 378
<212> DNA
<213> Homo sapiens
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caggaacaat	gcaacagacg	tgactcaatg	aagatttcag	gattaggata	gtgatggaca	300
ctcacaaagc	ataaacatcc	atgcttctgg	attcaacaaa	ctcttgga	gcatttttct	360
qcatcctgct	ggtgtgga					378

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<210> 31124
<211> 373
<212> DNA
<213> Homo sapiens
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tgaaggagac taggggatgt tttcttccaa agggaattta aatcaattt tatggtattt      180
tgaaagtaaa atactcctta acgtgtcaat atttttaaaa tgttatctcg aagttttcta      240
ttgctcaggt atataatcta ataaaaat tttgtttgctc taaggttatt tttgctattc      300
tctattttga attatgtkaa aatttgtgtg cattttatga aatgcctttt ttcttatttt      360
qaaagtqtaa aat                                     373
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<210> 31125
<211> 205
<212> DNA
<213> Homo sapiens
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ggagttgcac	tttaacgaag	aagatcagga	ataaaacccat	gtatttgttt	caaataataa		180
agtttactgt	agttgatggg	cactc					205

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<210> 31126
<211> 210
<212> DNA
<213> Homo sapiens
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<400> 31126

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tctgggcttg	gctgttggct	aaagtgtctt	tcacagacac	ctcattcggc	tcttccttca	180
gcttcttcac	ttatttctta	ctcagtcacc				210

<210> 31127
 <211> 286
 <212> DNA
 <213> Homo sapiens

<400> 31127						
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atthttgttg	atthgtttcc	taggagcaag	tgthcctgct	gccagttctt	tcctcttttag	180
gcgtgggttg	gaaaaagcag	aaactttaca	taaagctgta	tttcttaatc	atctttaatt	240
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<210> 31128
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 31128						
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taacctcact	ttacaggaaa	gggaggtgag	gagccaagag	tttagagtac	ccgaagttcc	180
acatctggtt	agtgaacttg	aaaattttct	gtagaattta	tttaaagtgt	atgtttcctg	240
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<210> 31129
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 <212> DNA
 <213> Homo sapiens

<400> 31129						
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tgtagatctt	aactatttgt	aattcacttc	atttcttctt	atggacttga	gacatcatct	180
ggtatcattt	cccaaagctg	ctttgctcac	acccatctcc	tttgtggtgt	tgthttcaga	240
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cgccaaagcg	agactgtgt					319

<210> 31130
 <211> 163
 <212> DNA
 <213> Homo sapiens

<400> 31130						
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tctctctcac	ttttgcatcc	agccatgaat	cttaaacact	ggacatgcc	agaactcttc	120
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<210> 31131

<211> 261
 <212> DNA
 <213> Homo sapiens

<400> 31131
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 agtgaattcc acaataaaga ggtgaatccc attattaatc aaatctgttc ataactttgg 180
 gctttaggct ttagtttaat ttttaaaaca aagggttgaa gtcttctcag agcatcttag 240
 raatgtactg gagccgagcg t 261

<210> 31132
 <211> 367
 <212> DNA
 <213> Homo sapiens

<400> 31132
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 atcttttaaa gagttgtagt aaaattataa tttgttatgg atttcctgtt ccggatgatt 180
 tgaatagaat ttcagattat atatataatt tttctgattt caatattttg cttactgctt 240
 gctaattcaa aagcttcaaa tgggaattgtt ttcaagtttc aagcttttca gctgatttct 300
 tagtttcaca ttcgatttga atgtggaaaa tttgatttga ttttcttttt tgtttacatg 360
 actgcgc 367

<210> 31133
 <211> 70
 <212> DNA
 <213> Homo sapiens

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 actaagccta 70

<210> 31134
 <211> 187
 <212> DNA
 <213> Homo sapiens

<400> 31134
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 tatcaactcc atgttctgct cataaaatttt tattaaattg tgtcttgatg agaaataata 120
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 cccaga 187

<210> 31135
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 31135
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 cttctgtcat ttaatttaaa taaaaggagt gttattgttc ccaaatttga ttacctagct 180

gaaacagata	ttggattcag	catagtaata	gtaaaataaa	attggcagag	aaaataactg	240
tagactagga	taaagcatga	ctcctccata	gcattgttgc	ttgtatgtac	atctgtcact	300
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<210> 31136
 <211> 241
 <212> DNA
 <213> Homo sapiens

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ttagactccc	acacaataat	agtgggacac	tttaacaccc	caatgtcagt	attagatcaa	180
caagaccaa	aattaacaag	gatattcagg	acttgaactc	agctctggac	caagtggacc	240
t						241

<210> 31137
 <211> 220
 <212> DNA
 <213> Homo sapiens

<400> 31137						
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ctagttgcct	ctaaacctca	gtagccagct	ttttattgtg	acagggaacc	tctattgagg	120
tttgaggtaa	tgagggtaaa	agtgtaat	cccagagaag	aagcttgtga	tgttgatgac	180
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<210> 31138
 <211> 266
 <212> DNA
 <213> Homo sapiens

<400> 31138						
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tcaattcttt	ctcaagtga	attctccatg	atgtctgaaa	cttttgtcta	tacaatcctc	180
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cacaccaaca	actacaaaa	ctggcg				266

<210> 31139
 <211> 240
 <212> DNA
 <213> Homo sapiens

<400> 31139						
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aaaggcaa	ggcccgggcg	cgaatcggag	gctgcggcga	aggaaggagt	gagcatggct	180
gagacccgcg	cgccgcccac	cgctggtgcc	gaaagttgca	gcgaggagcc	ggcgaggagc	240

<210> 31140
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 31140
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 taagttttca tgatttttct tcccatgaag ggctccccac aaaaagtctg gcagcctaga 180
 ttttcttttt gcttttctct ttttccctct tgacatgctg caggatggct gcctcagcac 240
 ccggtagcaa cttcatacat aaccaccca 270

<210> 31141
 <211> 113
 <212> DNA
 <213> Homo sapiens

<400> 31141
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 tgcaatcaac ttaattttca tgatcaattt caaactaaga catgacacca att 113

<210> 31142
 <211> 199
 <212> DNA
 <213> Homo sapiens

<400> 31142
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 cagagagcag caccgggtt gacagctagc aakgcaattg tgacctcaga cctacaatgt 120
 caaggaattg gcttctgcca acaaccagaa tgagcatgaa agtggattag tccttggaac 180
 ttccagataa gagcccgtc 199

<210> 31143
 <211> 261
 <212> DNA
 <213> Homo sapiens

<400> 31143
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 gggttgaaaa ttatattctt taagaatggt gaatattggc ccccatgctc ttctggcttg 180
 cagggtttct gcagagagat ccaactgttag tctgatgggc ttccctttgt gggtaacctg 240
 acctttctct ctgactgccc t 261

<210> 31144
 <211> 279
 <212> DNA
 <213> Homo sapiens

<400> 31144
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 aaaacctact ctaatgcctg tgtcccttac tttggttaat tttagaacca ttatattcta 120
 agttttctag gctcattcct ctccctccacc ttcccttacc atttagtgct taagttttac 180
 tgattktatc tccacctctc tgatacatca ctctttcatc ttcatgcta ttattaataa 240
 atacctacag tactaacctg cctcctatac cttagcgagt 279

<210> 31145
 <211> 429

<212> DNA
<213> Homo sapiens

<400> 31145
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tggatcactt gaggtcagga gttggagacc agsctggcca acatgggtcaa atcctgactc 120
tactaaaaat acaaaaatta gccagggtgtg tgggtggcatg ttcctgtaat cccagctact 180
ggggaggctg aggcaagaga atcgcttgat cccaggagggt ggagggttgca gtaagccgag 240
gtcacacacc actgcactcc agcatgggag acagaaagag actctgcctc atatatbvat 300
taattaataa attaataaaa agctaatacac agtattgtga tgtcgtgtag gtatggrcac 360
attgrctagt gggrcagact agaargctga graaccacaga cacacataag tgctgcttga 420
taacaatca 429

<210> 31146
<211> 239
<212> DNA
<213> Homo sapiens

<400> 31146
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tccccagaa aaataaaaatt tgcttttgat aaacttttct agaatttagc aattgaaaaa 120
aagttaaaca gaaccttgat tttttaaaaa aacgttcaat atagatacca catttaacat 180
tcaaaataag attgtacttt gagttagata tatgggtgtgg tctccaaagt tcccaggcc 239

<210> 31147
<211> 191
<212> DNA
<213> Homo sapiens

<400> 31147
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aatttttctt tttcaatact tagccaattt tgtgatttcg tttgttttta gctcaagaaa 120
gaattccaca ttttagcaag tggcaaagat gttggtttgt taacagttat tcagattgct 180
ggtggggggcg c 191

<210> 31148
<211> 226
<212> DNA
<213> Homo sapiens

<400> 31148
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actagaatag agtaataaaa agaacctagg ttttcttttg tttgctggaa gaaaaatcaa 120
aattcttttag ttctgtcaaa ccagaactct tgaaagcact ttgaacaatg cctggaaaat 180
aacagggtact ctgtaaatgt ttaccttctc tgcaagtgcc cgccac 226

<210> 31149
<211> 405
<212> DNA
<213> Homo sapiens

<400> 31149
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tgttgttggt aataataaca gaaaatacag ccaccattta ttaagtgccg attatgtata 120

agggactatt	gagggcattt	taaatacatt	gttttattta	aatttagtct	tccaaacaac	180
atggaaggca	ggggcctttg	tatccccctt	taaggaagag	aaaactgaag	ttcagagagt	240
ttagatgact	tggccnaggt	gccactgcta	ggaagttgga	aagcacatag	tcaaatacagg	300
atctgcctcc	acagccaatg	cccttttctt	tctctgtata	ttctttctccc	ttcttgagaa	360
ggtwacataa	ctcagtatta	tctcacagaa	aaaggagcat	cgtct		405

<210> 31150
 <211> 322
 <212> DNA
 <213> Homo sapiens

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gatacatctg	akgggccaga
tggccaccat	atcagggaaa
gccaatgtgt	tttgaaaaat
	120
atgcaaatgt	tcaataaggt
aacattaagt	acaattttata
ntgaaaacgt	gatactgtga
	180
ttctacctgt	gtttccagca
cttgtgatca	ctgtgattta
tggaccacag	atctgtgtct
	240
gtgtcacttc	attcagtgtg
tttattgaac	accatgtaaa
actaaaggtc	tttgattggc
	300
aattgggtttg	ctgtktctaa
ca	
	322

<210> 31151
 <211> 103
 <212> DNA
 <213> Homo sapiens

<400> 31151	
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ttcttthmya	gttggtgagt
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tgagattcag	ggaaccaact
tttctgtkcc	caggctcacac
aac	
	103

<210> 31152
 <211> 201
 <212> DNA
 <213> Homo sapiens

<400> 31152	
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tttcctgaat	aaatgtatgt
ttatgaattt	tctaacttac
	60
attttgttgt	gtcctctgcc
aacaatctgg	ttttataatt
gttgtctaaa	gtttgctagt
	120
agtgtttctt	caaaggttat
tccaggtatg	gttaagtagt
gagaaaaatc	acttattaat
	180
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t	
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<210> 31153
 <211> 377
 <212> DNA
 <213> Homo sapiens

<400> 31153	
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gccaaaaagg	tcaccttagt
ttatttttcc	aaaacataac
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tttaggtatt	ctaattgtatt
ttgttagttg	cttagaaaaat
ggaaataaaa	tatatgtgct
	120
tattaaataa	tgcacagtac
actagattat	agagtttatt
tttgctttta	tgcttttaag
	180
aatgcatgcc	caaaacacta
ctaccaacag	gaggattttt
taaaatcaca	gaattgatat
	240
ttatctcaag	actatcttaa
gctaattgtac	ttctgttaca
taattaaact	atttctgcta
	300
ttatttttaa	agcagtatta
ttttataacc	aatttctaaaa
ttcagcttta	aaatattgra
	360
cataccttcc	taccact
	377

<210> 31154

<211> 361
 <212> DNA
 <213> Homo sapiens

<400> 31154
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 atttaaaaac atttttaagt accacatttc tatgtattca ttagaatgcc tggaaatttt 120
 gtttcctgat agatttctct ctgattatgt tgtagctaaa gcagcaggga aggtggggaa 180
 cgaccttttc tgcagggcag cagggagcat tggacatgtc agctgaaagt gtgagggaaa 240
 gaaccttggc cttggagatg gggagccctg ggcaccggct ctgcctctgt gactcacaat 300
 cacattcggc cagcatactt tacctccctg cttctcagct tctacatgtt caaaaaaaaa 360
 a 361

<210> 31155
 <211> 370
 <212> DNA
 <213> Homo sapiens

<400> 31155
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 aaaactccca aatattcttt aagttcttct cttatkttcc ctttagtttg tagtcatatt 120
 tcttagttct tatatcagtt gggattccca catcttctag ttggacaata ttggagaaga 180
 caccacattt taactgagtt ccagtgatat gacaggcttt caattctcta atctcacaga 240
 agttagaaaa aaagtagata atcaaaatcc acagaaaaata tagaagattc cabtaactct 300
 gagaatgatt ctcaggtatc cttaggacct caagaaagct gttctctcct gggctgtaga 360
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<210> 31156
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 31156
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 aatcagtagt gctggcctta ctgttctgaa atttctgggt tctttccctc gctccaaaact 120
 taattctttc ttctctattt tcaatttcag aagaaattta gaatgagtga gggaaattaa 180
 aatgaagtcc agaagaccag cagagatttc accgggcatg tgggtaggaa agacttgtga 240
 gaaaaccatt tgaaatggaa ttaaaagaaa acgtgttcag ctactatat aattatagtt 300
 agcttggcct ggtgttttgg gttgcattac ctgtaagatt ggaactcatc tgttgtatag 360
 aaattgata 369

<210> 31157
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 31157
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 agcatgttac aaagctttgc ccaccctcaa ggggtgaagrg cawttacaaa agggcagaac 120
 accaggaggt ggagatcact gggggtcac tagagtttgc ccatcacgtg gaagaaagtg 180
 atggcagaca tccattgttt tttctggttg ctatccattc ctcttctctg taattatacc 240
 tagattttcc tttagacgaat agcccccgcc 270

<210> 31158

<211> 366
 <212> DNA
 <213> Homo sapiens

<400> 31158
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 agtcaataac aaatatatatt tatgtcaagt ggtgratggd tycdattgaa gaaaaatgac 120
 tcaataagag gagagaaaat gatggatatgt gtatgggtgg taggtgtgctg tgatgctgtt 180
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 ttcattctacc tgggggagaa gcctgctggc agatcctgtt gaacactcgt tacctaaatc 300
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 gtgccca 366

<210> 31159
 <211> 389
 <212> DNA
 <213> Homo sapiens

<400> 31159
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 ctccctccctc agcctccagg gtcactggga ttacaagggtg trrsccascc acagctggct 120
 ccgactctct tgcatttagc tacagctgctg tgacggaatt ctatccaatt gcacgagadt 180
 ggaagtcttcg ttcattcactt tcaagtctgg cccataaagg tttcccacac actgctcctt 240
 catgctcctt ccccatccaa ctggctggaa ttgagaggac ctcacacggt gaagacagca 300
 gagcctccct ctccctggat ctttaaacag ttacacggga gaagcctgcc ctgccaaactg 360
 ttcaccaatc cagtactatt aggggaaaa 389

<210> 31160
 <211> 78
 <212> DNA
 <213> Homo sapiens

<400> 31160
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 agaacaagga gaagaaga 78

<210> 31161
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 31161
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 cgcttccctc cctctccagg acccctttct cccagcctc caggagcacc tgcggaccgc 180
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 tcgatttggg cggggattcc cttccatttt tttcttccct tttctcccaa gatccagctt 300
 cttgggggca ctcacgggtg cccgttgctg tctgctccgt cggsgccgag ctgcat 356

<210> 31162
 <211> 194
 <212> DNA
 <213> Homo sapiens

<400> 31162
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 acagatggaa cagaattaat gaaacaggag acaaacttac aaaatagaat ctcaaggaga 120
 cgcaataaga gtattaagaa atcttttttag gactctaaag taatttacag ttttcaaaat 180
 tcaaaacagg accg 194

<210> 31163
 <211> 215
 <212> DNA
 <213> Homo sapiens

<400> 31163
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 ctgtcggyen ngttagaagg ccaccaacag cccccagggt tgccaagggc ctgttagttg 120
 tgttcctgga aggtgggcaa gcagchtgat gggttaacat tgggatttgc hgtcgttata 180
 gcdgtcaarg ggctgttagc ggctgcaggg tcggt 215

<210> 31164
 <211> 296
 <212> DNA
 <213> Homo sapiens

<400> 31164
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 ttaaagtgtg agagacttct gtattgggta gtccattgct gctaattgga gccccaggta 180
 atccctgact gacctgggtc attccgctgt acccccttga tctggcaact aaagggttaa 240
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<210> 31165
 <211> 148
 <212> DNA
 <213> Homo sapiens

<400> 31165
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 ctccatctgg cctgagcacc ctgcccatt 148

<210> 31166
 <211> 234
 <212> DNA
 <213> Homo sapiens

<400> 31166
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 gactgttgat atgtattttt tgtgaagtgt gtgttgaagc cttgcagatt attttttaaa 180
 ttagagggtt atcactaggt atatctccta atgctatccc tccccctcc cayc 234

<210> 31167
 <211> 350
 <212> DNA
 <213> Homo sapiens

<400> 31167

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ccataggaat	ccataataaa	atgaactgaa	ttcatgacca	taattttctgt	ttcagaatta	120
cttgtttttct	tatatagaaa	atcagttcat	attgagaata	gatgccacat	gttgaaaagg	180
tcattccacta	gtatttccta	caaggattcc	tataaatttt	gatttcaaag	atatgatttc	240
tgaccaaata	tctggacaaa	atggctacct	cttatttttct	agctgtactt	aattcattgg	300
aaaagaaatt	taatattatc	tttccaagtt	cagcttctca	ctaacaaata		350

<210> 31168

<211> 322

<212> DNA

<213> Homo sapiens

<400> 31168

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tcaaatcacc	caaagttact	tttgtagca	ttctggtgtc	tcttcttccc	atttttttct	180
tgtgtactat	ttacacagtt	ttgatcaatc	tgtaataaac	aattttatat	tctgcttatt	240
ttattatact	ttcctcttta	aaaaaataga	gatgggatct	cactatgttg	cccaggctgg	300
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<210> 31169

<211> 274

<212> DNA

<213> Homo sapiens

<400> 31169

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gtttctccta	atcacaaagta	aaatatgaac	atactttaag	tctggaaatc	agcaattcaa	180
aaactaaagt	gtacaaatac	ataaatccat	gagtdtaaag	aaagacagta	gaaagacaga	240
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<210> 31170

<211> 235

<212> DNA

<213> Homo sapiens

<400> 31170

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tgtacttttt	gccatacttg	actcatatac	tcaaaaataca	gagttgtctt	ggtgtaggaa	120
ttggaaagca	agagtggaaa	ggaacgtaat	aactcgttgg	agtttataaaa	tgagggtctt	180
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<210> 31171

<211> 323

<212> DNA

<213> Homo sapiens

<400> 31171

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tataaaatga	aagatggagg	actttgacca	atttcctaga	cctttgaccc	agaaacacta	180

taccagacca	ggatgtcatt	gtccctccc	tagctctgtc	atgtctttgt	tattcccata	240
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<210> 31172
 <211> 263
 <212> DNA
 <213> Homo sapiens

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cacagttacc	atattataat	actcagtttt	tctctgtgct	attaccaatg	agttctgtac	180
cttcagatga	cttcttattg	ttcattaaca	ttcttttctt	acagatggma	agagaatgcc	240
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<210> 31173
 <211> 305
 <212> DNA
 <213> Homo sapiens

<400> 31173						
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ctgtaacagt	atcagaacca	ctggctccaa	accaagaaga	ggttcgaagt	atcaagagtg	180
aaactgatag	cacaattgag	gtggatagtg	ttgctgggga	gctccaagac	ctccagtcctg	240
aagggaatag	ctcgccagca	ggttttgatg	ccagtgtagg	ctcaagcagt	agtaatcagc	300
cagaa						305

<210> 31174
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 31174						
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atctcttg	caaaaattta	taaaaaccag	aatgtattca	ccaagagagt	ttgggaagca	180
aaattgtcta	gtaaagattt	ttaaagcagg	taatcatctg	atctttctag	catgattgat	240
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<210> 31175
 <211> 135
 <212> DNA
 <213> Homo sapiens

<400> 31175						
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<210> 31176
 <211> 288

<212> DNA

<213> Homo sapiens

<400> 31176

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gtgcaagatg	tgctttgtta	aacagatgct	tgaaggcagc	atgctcgtta	agagtcacatca	180
ccactcccta	atctcaagta	cccagggaca	caaacactct	gcctaggaaa	accagagacc	240
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<210> 31177

<211> 332

<212> DNA

<213> Homo sapiens

<400> 31177

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cacgcctgta	atcccagcac	ttcggggaggc	cgaggcggac	ggatcacgag	gtcaggagat	180
cgagaccatc	ctgggctaaca	cagtgaacc	ccgtctctac	taraaataca	aaaaattagc	240
caggcggggt	gcgggcgcct	gtagtcccag	ctactctgca	ggctgaggma	gragaatggc	300
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<210> 31178

<211> 329

<212> DNA

<213> Homo sapiens

<400> 31178

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ttaaactcagg	cactcttttc	ctacgtcca	gtggaagccc	agggcagggc	ttcctgtaag	180
tgaccatctt	caggatgctt	ccacaggaat	atggccagag	gagagggggc	ctctgatgag	240
agaggttttt	ccttgtagca	ttcaggctga	tttcacctca	cagcagatgt	tcacatgcag	300
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<210> 31179

<211> 61

<212> DNA

<213> Homo sapiens

<400> 31179

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<211> 271

<212> DNA

<213> Homo sapiens

<400> 31180

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tcatacaagaa	actccagaag	aaaataaaaa	acatgccatt	aactgagaga	tacttgcctc	180

acaaaaaacc tgcagtgggt tagtatctag aagttataaa gaactactat gaataggaaa 240
aagataccat gatagaaaaa cttagccaaa a 271

<210> 31181
<211> 226
<212> DNA
<213> Homo sapiens

<400> 31181
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tgcaataaaa ataagtataa tataaatttt caattagaga taagaaaact taattacata 180
gtataccgca tactttatgc agttatctac aactcctccc cctttc 226

<210> 31182
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<212> DNA
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<400> 31182
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<210> 31183
<211> 159
<212> DNA
<213> Homo sapiens

<400> 31183
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tcttcaccta taaaaagaga ataataacat atccaccca 159

<210> 31184
<211> 104
<212> DNA
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<400> 31184
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<210> 31185
<211> 353
<212> DNA
<213> Homo sapiens

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gtgtagaagt tttagagtat cttttggtgt aactataaat ttactgacat ctctaaattt 180
aaaaaatgca tgcccttcat tcacatttga aacattcggg atgtcatttt aaaattactt 240

ctctttttttt gaaaaataaa ctttaaaaaat taaagtaact tctcgswtyt tcagcatgga 300
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<210> 31186
<211> 319
<212> DNA
<213> Homo sapiens

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gtgattcatg tataaagttt gagaagcact gttcagtggt tgtgtgattg tggacaatg 180
tggaagcaa acttattcca agtttcctaa aatgaaatta atgtgacttt ctttccccgc 240
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<210> 31187
<211> 139
<212> DNA
<213> Homo sapiens

<400> 31187
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ttaattttgc aggaaccac 139

<210> 31188
<211> 418
<212> DNA
<213> Homo sapiens

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cctgtagtnc tggcatagaa caaagggtag atgcctgtaa rgactagggt ggttgggagg 360
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<210> 31189
<211> 377
<212> DNA
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ggattagatt tagtaattta cttagtgcac agaatatcaa agaaaatggc tggcaacgtg 180
gctcatgcct gtaatccag cactttggga ggctgaggcg ggcagatcac ctgaggtcag 240
aagtttgaga ccagcctggc caacatggtg aaacccccat ctctactaaa atacaaaaat 300
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 atatgtgtcc ccctgcaaat accaagaaa acagttaatt agtgtccatt acagaatgtt 360
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<210> 31191
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 <212> DNA
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<400> 31191
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 gctatagata agtacctcca aacatcatgc ctccagcctc actcttgctt aaggaaatac 180
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 <212> DNA
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<400> 31192
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<210> 31193
 <211> 415
 <212> DNA
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 aagtgtggct gtgttttgta aataacacag ctattatttt tgacctcttc atagtaaaat 240
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ggcctccaaa aatcctgact ttggaacatc aaatgcatat gtgcactttt atctttgttc	360
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tttgcttttg gacagtgcac ttcagttctt cagtaaactc ccattataag atttatttga	240
gaaagattga agtcaattaa attgcaaaaa agctgtgatt tctgctgtat gggtattacc	300
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 <212> DNA
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caccatgccc ggcac	136

<210> 31198